

California High-Speed Rail Authority



RFP No.: HSR 13-57

**Request for Proposals for Design-Build
Services for Construction Package 2-3**

**Reference Material, Part B.1
Preliminary Design Plans – AD3**

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GENERAL SHEETS

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
TT-B0001		ALIGNMENT - LOCATION MAP	1 OF 8
GE-A0019	A	ALIGNMENT - INDEX OF SHEETS (SHEET 1 OF 2)	2 OF 8
GE-A0020	B	ALIGNMENT - INDEX OF SHEETS (SHEET 2 OF 2)	3 OF 8
CB0010		GENERAL - ABBREVIATIONS AND LEGENDS	4 OF 8
CB0011		GENERAL - ABBREVIATIONS AND LEGENDS	5 OF 8
CB0012		ALIGNMENT - CURVE DATA - SHEET 1 OF 2	6 OF 8
CB0013		ALIGNMENT - CURVE DATA - SHEET 2 OF 2	7 OF 8
CB0016		WILDLIFE CROSSINGS - LOCATION MAP	8 OF 8

SYSTEMS SHEETS

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
TB-B0001		TRACTION POWER FACILITY, CROSSOVER AND STATION - LOCATION EXHIBIT	1 OF 1

ALIGNMENT F1 - FRESNO SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB1650		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 257+24 TO 627+07 - KEY MAP	1 OF 24
CB1657		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 257+24 TO 261+00 - PLAN AND PROFILE	2 OF 24
CB1658		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 261+00 TO 275+00 - PLAN AND PROFILE	3 OF 24
CB1659		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 275+00 TO 289+00 - PLAN AND PROFILE	4 OF 24
CB1660		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 289+00 TO 303+00 - PLAN AND PROFILE	5 OF 24
CB1661		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 303+00 TO 317+25 - PLAN AND PROFILE	6 OF 24
CB1662		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 317+25 TO 345+00 - PLAN AND PROFILE	7 OF 24
CB1663		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 345+00 TO 373+00 - PLAN AND PROFILE	8 OF 24
CB1664		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 373+00 TO 401+00 - PLAN AND PROFILE	9 OF 24
CB1665		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 401+00 TO 429+00 - PLAN AND PROFILE	10 OF 24
CB1666		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 429+00 TO 457+00 - PLAN AND PROFILE	11 OF 24
CB1667		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 457+00 TO 485+00 - PLAN AND PROFILE	12 OF 24
CB1668		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 485+00 TO 513+00 - PLAN AND PROFILE	13 OF 24
CB1669		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 513+00 TO 541+00 - PLAN AND PROFILE	14 OF 24
CB1670		FRESNO SUBSECTION - ALIGNMENT F1 - STA. 541+00 TO 569+00 - PLAN AND PROFILE	15 OF 24
CB1671	A	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 569+00 TO 598+00 - PLAN AND PROFILE	16 OF 24
CB1672	A	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 598+00 TO 627+07 - PLAN AND PROFILE	17 OF 24
CB3010		FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	18 OF 24
CB3011		FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	19 OF 24
CB3012		FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	20 OF 24
CB3013		FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	21 OF 24
CB3014		FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	22 OF 24
CB3015		FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	23 OF 24
CB3016		FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	24 OF 24


ALIGNMENT M - MONMOUTH SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB1790		MONMOUTH SUBSECTION - ALIGNMENT M - STA. 630+25 TO 1065+07 - KEY MAP	1 OF 11
CB1791	A	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 630+25 TO 687+00 - PLAN AND PROFILE	2 OF 11
CB1792	A	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 687+00 TO 743+00 - PLAN AND PROFILE	3 OF 11
CB1793	A	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 743+00 TO 799+00 - PLAN AND PROFILE	4 OF 11
CB1794	A	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 799+00 TO 855+00 - PLAN AND PROFILE	5 OF 11
CB1795	A	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 855+00 TO 911+00 - PLAN AND PROFILE	6 OF 11
CB1796	A	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 911+00 TO 967+00 - PLAN AND PROFILE	7 OF 11
CB1797	A	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 967+00 TO 1023+00 - PLAN AND PROFILE	8 OF 11
CB1798		MONMOUTH SUBSECTION - ALIGNMENT M - STA. 1023+00 TO 1065+07 - PLAN AND PROFILE	9 OF 11
CB3140		MONMOUTH SUBSECTION - ALIGNMENT M - CROSS SECTIONS	10 OF 11
CB3141		MONMOUTH SUBSECTION - ALIGNMENT M - CROSS SECTIONS	11 OF 11

ALIGNMENT H - HANFORD SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB1800		HANFORD SUBSECTION - ALIGNMENT H - STA. 1065+07 TO 2144+63 - KEY MAP	1 OF 31
CB1808		HANFORD SUBSECTION - ALIGNMENT H - STA. 1065+07 TO 1080+00 - PLAN AND PROFILE	2 OF 31
CB1809		HANFORD SUBSECTION - ALIGNMENT H - STA. 1080+00 TO 1136+00 - PLAN AND PROFILE	3 OF 31
CB1810		HANFORD SUBSECTION - ALIGNMENT H - STA. 1136+00 TO 1192+00 - PLAN AND PROFILE	4 OF 31
CB1811	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 1192+00 TO 1248+00 - PLAN AND PROFILE	5 OF 31
CB1812		HANFORD SUBSECTION - ALIGNMENT H - STA. 1248+00 TO 1304+00 - PLAN AND PROFILE	6 OF 31
CB1813	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 1304+00 TO 1360+00 - PLAN AND PROFILE	7 OF 31
CB1814		HANFORD SUBSECTION - ALIGNMENT H - STA. 1360+00 TO 1416+00 - PLAN AND PROFILE	8 OF 31
CB1815	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 1416+00 TO 1472+00 - PLAN AND PROFILE	9 OF 31
CB1816		HANFORD SUBSECTION - ALIGNMENT H - STA. 1472+00 TO 1528+00 - PLAN AND PROFILE	10 OF 31
CB1817		HANFORD SUBSECTION - ALIGNMENT H - STA. 1528+00 TO 1584+00 - PLAN AND PROFILE	11 OF 31
CB1818	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 1584+00 TO 1640+00 - PLAN AND PROFILE	12 OF 31
CB1819		HANFORD SUBSECTION - ALIGNMENT H - STA. 1640+00 TO 1696+00 - PLAN AND PROFILE	13 OF 31
CB1820	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 1696+00 TO 1752+00 - PLAN AND PROFILE	14 OF 31
CB1821		HANFORD SUBSECTION - ALIGNMENT H - STA. 1752+00 TO 1808+00 - PLAN AND PROFILE	15 OF 31
CB1822	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 1808+00 TO 1864+00 - PLAN AND PROFILE	16 OF 31
CB1823		HANFORD SUBSECTION - ALIGNMENT H - STA. 1864+00 TO 1914+00 - PLAN AND PROFILE	17 OF 31
CB1824		HANFORD SUBSECTION - ALIGNMENT H - STA. 1914+00 TO 1928+00 - PLAN AND PROFILE	18 OF 31
CB1825		HANFORD SUBSECTION - ALIGNMENT H - STA. 1928+00 TO 1942+00 - PLAN AND PROFILE	19 OF 31
CB1826		HANFORD SUBSECTION - ALIGNMENT H - STA. 1942+00 TO 1956+00 - PLAN AND PROFILE	20 OF 31
CB1827		HANFORD SUBSECTION - ALIGNMENT H - STA. 1956+00 TO 1970+00 - PLAN AND PROFILE	21 OF 31
CB1828		HANFORD SUBSECTION - ALIGNMENT H - STA. 1970+00 TO 1984+00 - PLAN AND PROFILE	22 OF 31
CB1829	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 1984+00 TO 2032+00 - PLAN AND PROFILE	23 OF 31
CB1830	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 2032+00 TO 2088+00 - PLAN AND PROFILE	24 OF 31
CB1831	A	HANFORD SUBSECTION - ALIGNMENT H - STA. 2088+00 TO 2144+63 - PLAN AND PROFILE	25 OF 31
CB3151		HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	26 OF 31
CB3152		HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	27 OF 31
CB3153	A	HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	28 OF 31
CB3154		HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	29 OF 31
CB3155		HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	30 OF 31
CB3156		HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	31 OF 31

ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY P. TONKIN	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ALIGNMENT INDEX OF SHEETS SHEET 1 OF 2	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0019-A3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 2 OF 8
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/04/14					

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ALIGNMENT K4 - KAWEAH SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB1130		KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2074+96 TO 2598+60 - KEY MAP	1 OF 15
CB1131	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2074+96 TO 2130+00 - PLAN AND PROFILE	2 OF 15
CB1132	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2130+00 TO 2186+00 - PLAN AND PROFILE	3 OF 15
CB1133	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2186+00 TO 2242+00 - PLAN AND PROFILE	4 OF 15
CB1134	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2242+00 TO 2298+00 - PLAN AND PROFILE	5 OF 15
CB1135	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2298+00 TO 2354+00 - PLAN AND PROFILE	6 OF 15
CB1136	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2354+00 TO 2410+00 - PLAN AND PROFILE	7 OF 15
CB1137		KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2410+00 TO 2466+00 - PLAN AND PROFILE	8 OF 15
CB1138	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2466+00 TO 2522+00 - PLAN AND PROFILE	9 OF 15
CB1139	A	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2522+00 TO 2578+00 - PLAN AND PROFILE	10 OF 15
CB1140		KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2578+00 TO 2598+60 - PLAN AND PROFILE	11 OF 15
CB3171	A	KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	12 OF 15
CB3172	A	KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	13 OF 15
CB3173		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	14 OF 15
CB3174		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	15 OF 15

ALIGNMENT C2 - CORCORAN SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB1850		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2594+81 TO 3096+00 - KEY MAP	1 OF 16
CB1861	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2594+81 TO 2650+00 - PLAN AND PROFILE	2 OF 16
CB1862	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2650+00 TO 2706+00 - PLAN AND PROFILE	3 OF 16
CB1863	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2706+00 TO 2762+00 - PLAN AND PROFILE	4 OF 16
CB1864		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2762+00 TO 2818+00 - PLAN AND PROFILE	5 OF 16
CB1865	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2818+00 TO 2874+00 - PLAN AND PROFILE	6 OF 16
CB1866	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2874+00 TO 2930+00 - PLAN AND PROFILE	7 OF 16
CB1867	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2930+00 TO 2986+00 - PLAN AND PROFILE	8 OF 16
CB1868	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2986+00 TO 3042+00 - PLAN AND PROFILE	9 OF 16
CB1869	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 3042+00 TO 3096+00 - PLAN AND PROFILE	10 OF 16
CB3255		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	11 OF 16
CB3256		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	12 OF 16
CB3257		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	13 OF 16
CB3258		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	14 OF 16
CB3259		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	15 OF 16
CB3260		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	16 OF 16

ALIGNMENT P - PIXLEY SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB1300		PIXLEY SUBSECTION - ALIGNMENT P - STA. 3096+00 TO 3459+24 - KEY MAP	1 OF 9
CB1301	A	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3096+00 TO 3152+00 - PLAN AND PROFILE	2 OF 9
CB1302	A	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3152+00 TO 3208+00 - PLAN AND PROFILE	3 OF 9
CB1303	A	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3208+00 TO 3264+00 - PLAN AND PROFILE	4 OF 9
CB1304		PIXLEY SUBSECTION - ALIGNMENT P - STA. 3264+00 TO 3320+00 - PLAN AND PROFILE	5 OF 9
CB1305	A	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3320+00 TO 3376+00 - PLAN AND PROFILE	6 OF 9
CB1306	A	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3376+00 TO 3432+00 - PLAN AND PROFILE	7 OF 9
CB1307	A	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3432+00 TO 3459+24 - PLAN AND PROFILE	8 OF 9
CB3301		PIXLEY SUBSECTION - ALIGNMENT P - CROSS SECTIONS	9 OF 9

ALIGNMENT A1 - ALLENSWORTH SUBSECTION

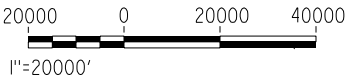
DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB1400		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 3919+50 TO 4926+16 - KEY MAP	1 OF 21
CB1401		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 3919+50 TO 3976+00 - PLAN AND PROFILE	2 OF 21
CB1402		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 3976+00 TO 4032+00 - PLAN AND PROFILE	3 OF 21
CB1750		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4032+00 TO 4088+00 - PLAN AND PROFILE	4 OF 21
CB1751		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4088+00 TO 4144+00 - PLAN AND PROFILE	5 OF 21
CB1752		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4144+00 TO 4200+00 - PLAN AND PROFILE	6 OF 21
CB1753		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4200+00 TO 4256+00 - PLAN AND PROFILE	7 OF 21
CB1754	A	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4256+00 TO 4312+00 - PLAN AND PROFILE	8 OF 21
CB1755	A	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4312+00 TO 4368+00 - PLAN AND PROFILE	9 OF 21
CB1756	A	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4368+00 TO 4424+00 - PLAN AND PROFILE	10 OF 21
CB1757	A	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4424+00 TO 4480+00 - PLAN AND PROFILE	11 OF 21
CB1758		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4480+00 TO 4536+00 - PLAN AND PROFILE	12 OF 21
CB1759		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4536+00 TO 4592+00 - PLAN AND PROFILE	13 OF 21
CB1760		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4592+00 TO 4648+00 - PLAN AND PROFILE	14 OF 21
CB1761		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4648+00 TO 4704+00 - PLAN AND PROFILE	15 OF 21
CB1762		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4704+00 TO 4760+00 - PLAN AND PROFILE	16 OF 21
CB1763		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4760+00 TO 4816+00 - PLAN AND PROFILE	17 OF 21
CB1764		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4816+00 TO 4872+00 - PLAN AND PROFILE	18 OF 21
CB1765		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4872+00 TO 4926+16 - PLAN AND PROFILE	19 OF 21
CB3401		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - CROSS SECTIONS	20 OF 21
CB3402		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - CROSS SECTIONS	21 OF 21

ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY P. TONKIN	<div>PROPOSED PRELIMINARY DESIGN</div> <div>NOT FOR CONSTRUCTION</div>			<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD</div> <div>ALIGNMENT INDEX OF SHEETS SHEET 2 OF 2</div>	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0020-B3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
B	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 3 OF 8
A	2014/05	PAT	KS	SB	REVISED FOR ADDENDUM 1	DATE 02/04/14					
REV	DATE	BY	CHK	APP	DESCRIPTION						

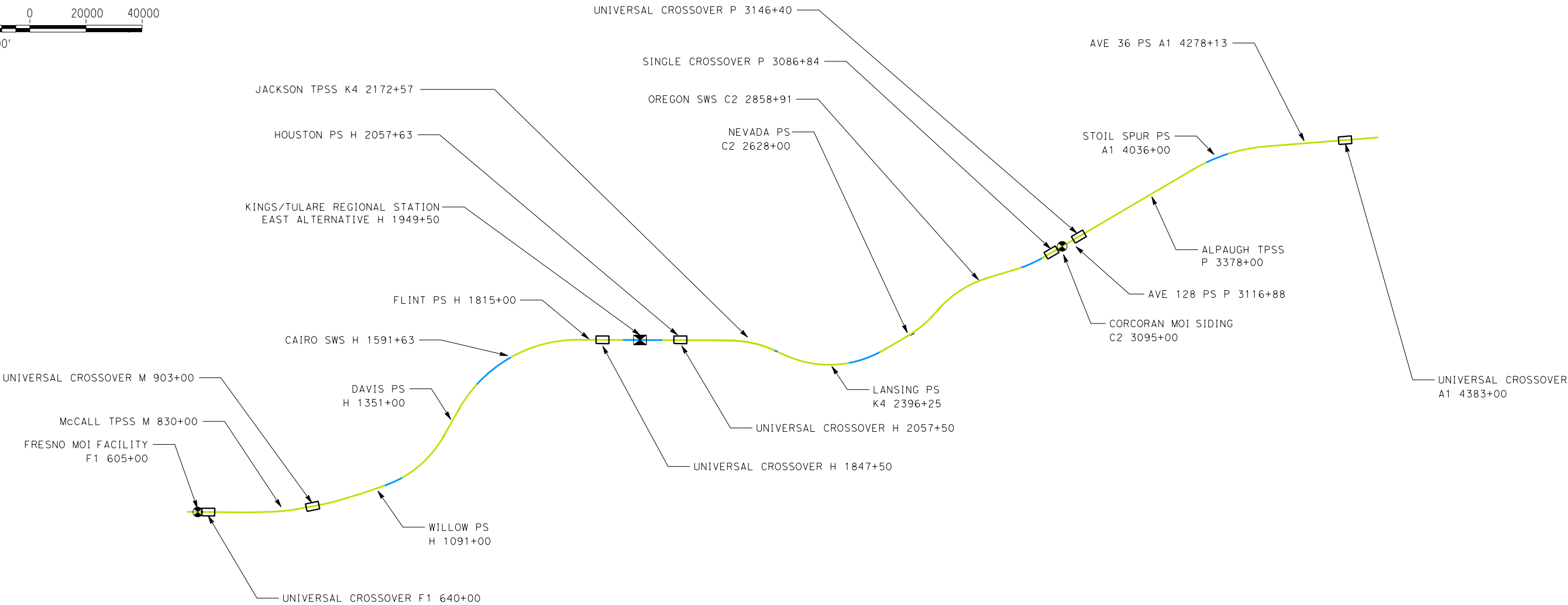
LEGEND:

- AT-GRADE ALIGNMENT
- ELEVATED/AERIAL ALIGNMENT
- BELOW-GRADE/TRENCH ALIGNMENT
- PROPOSED CROSSOVER LOCATION
- MOI LOCATION
- HST STATION
- TPSS TRACTION POWER SUBSTATION
- PS PARALLELING STATION
- SWS SWITCHING STATION



NOTES:

- RETAINED EARTHWORK STRUCTURES HAVE BEEN CONSIDERED AS AT-GRADE ALIGNMENT FOR THE PURPOSES OF THIS DRAWING.
- TRACTION POWER FACILITY STATIONING TAKEN AS THE MIDPOINT BETWEEN THE TWO LOCATION OPTIONS PRESENTED IN THE 15% ALIGNMENT PLAN AND PROFILE DRAWINGS.



NEW SHEET
ADDENDUM 3 - RFP HSR 13-57

DESIGNED BY J. SCHNURBUSCH
DRAWN BY J. SCHNURBUSCH
CHECKED BY A. THIBODEAU
IN CHARGE S. BURGESS
DATE 06/30/14

RECORD SET 15%
DESIGN SUBMISSION

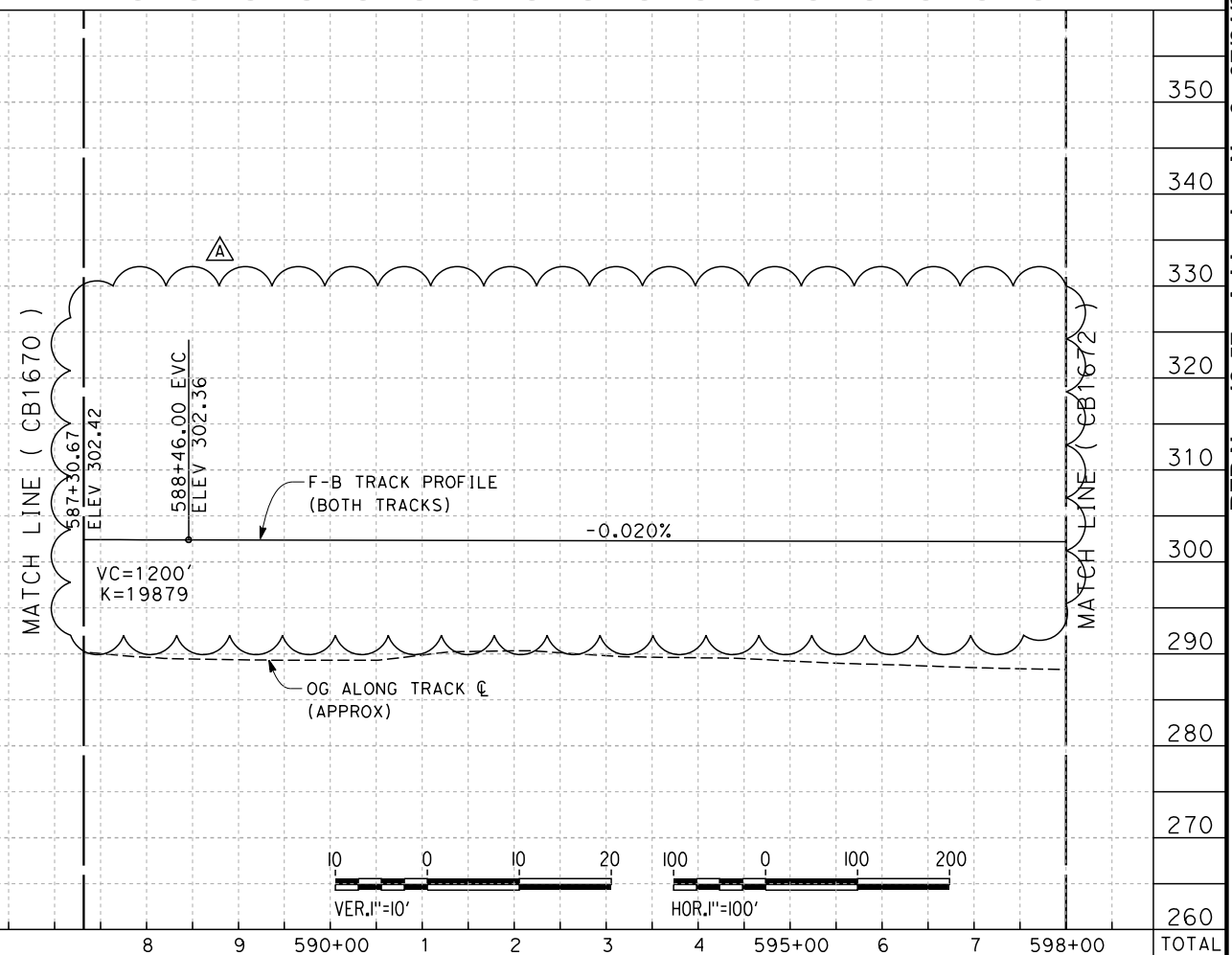
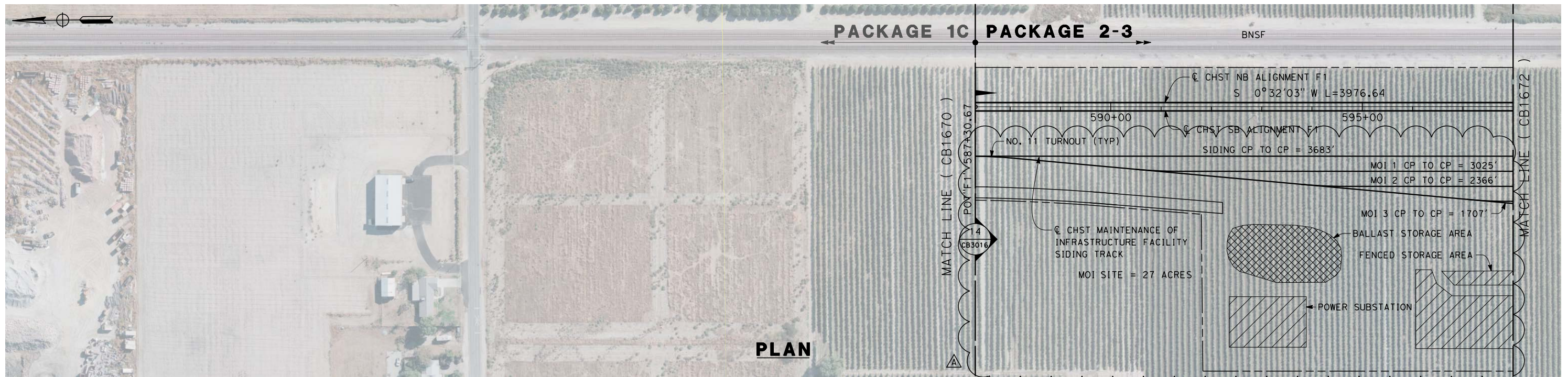
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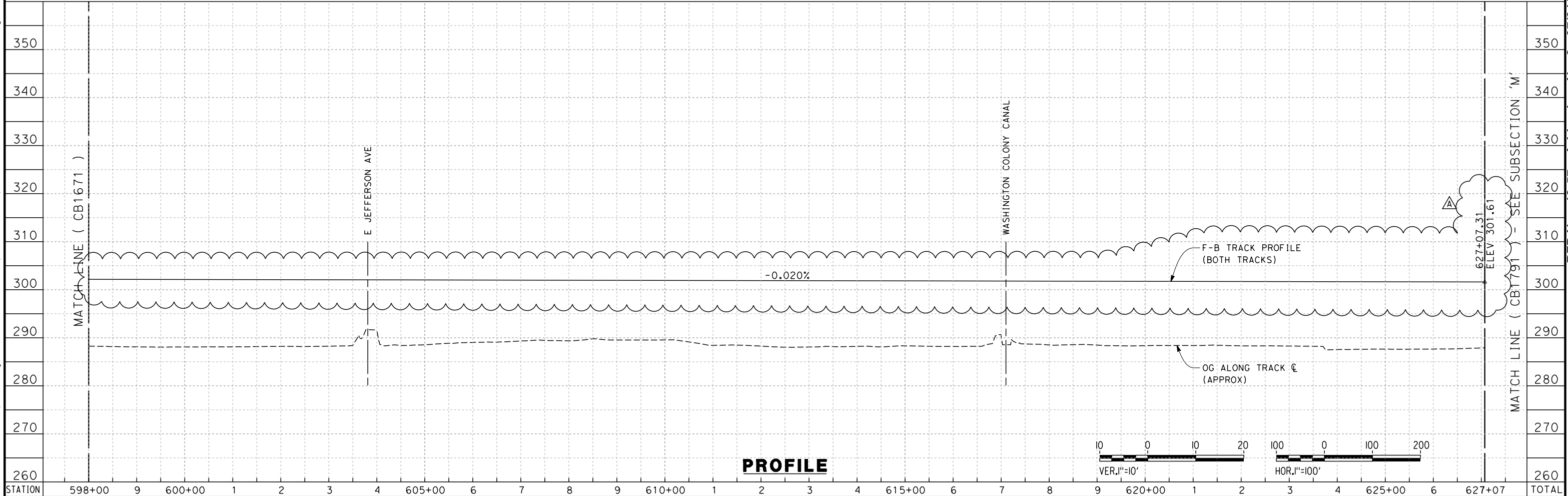
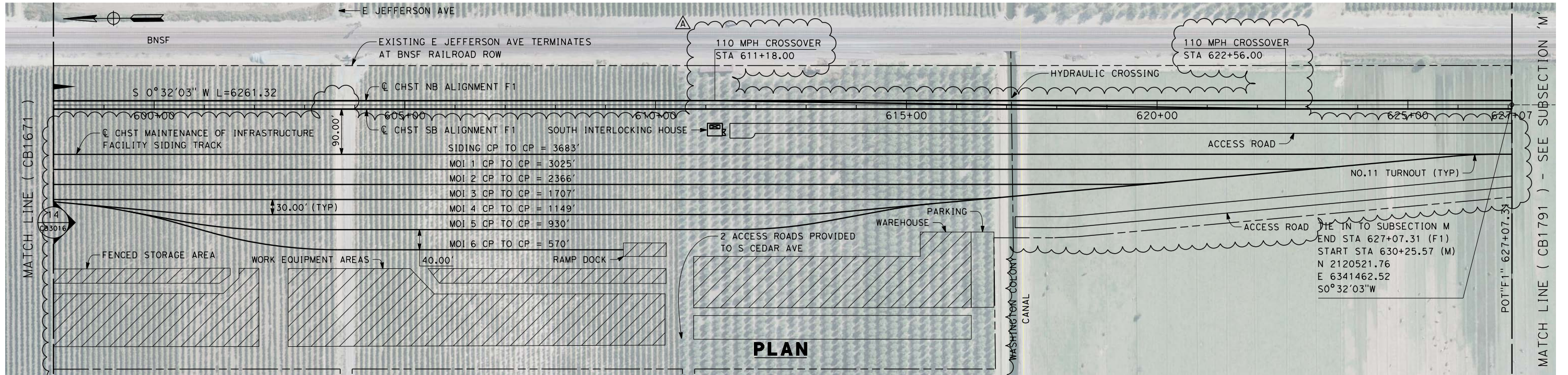
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
TRACTION POWER FACILITY, CROSSOVER & STATION
LOCATION EXHIBIT

CONTRACT NO. HSR 06-0003
DRAWING NO. TP-B0001
SCALE AS SHOWN
SHEET NO. 1 OF 1

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CY	Exc	Emb

A	2014/06	PAT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. POLING
DRAWN BY P. TONKIN
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

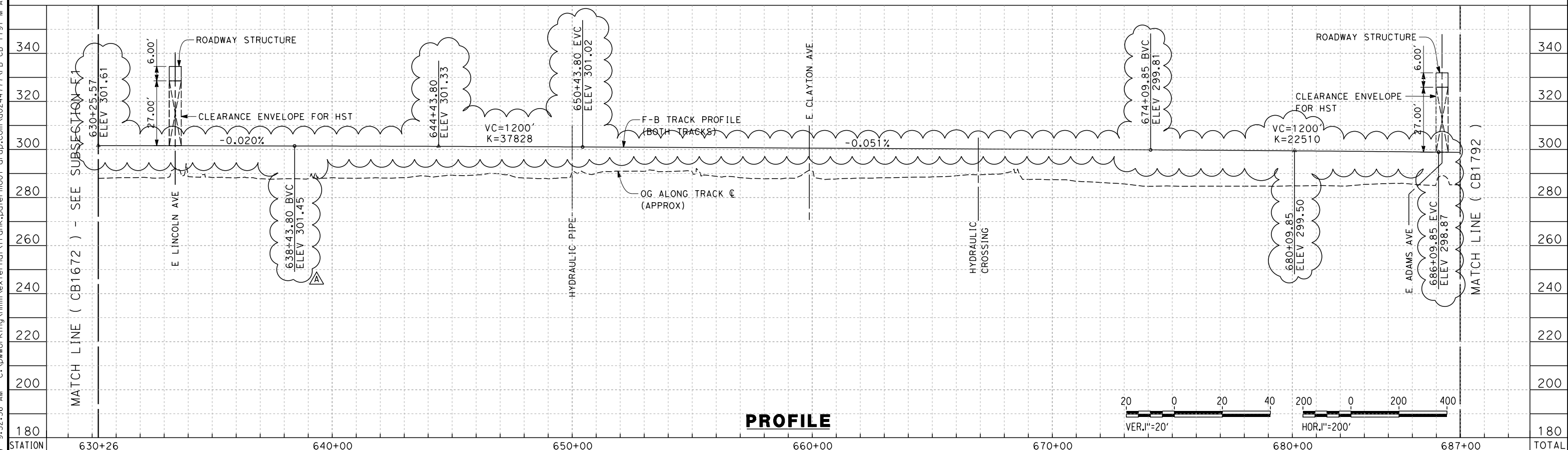
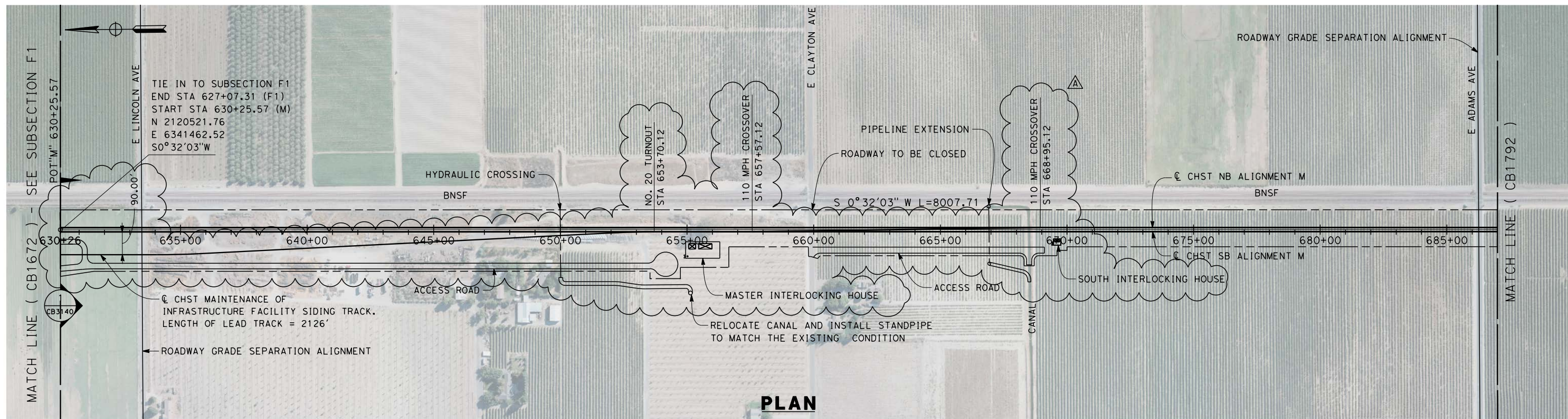
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

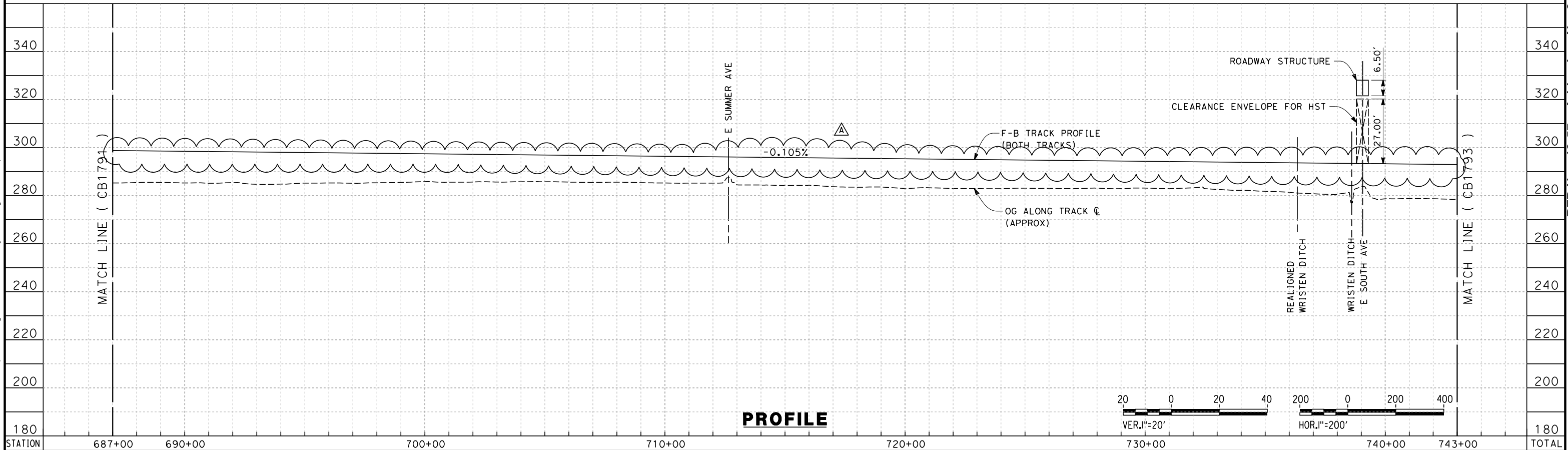
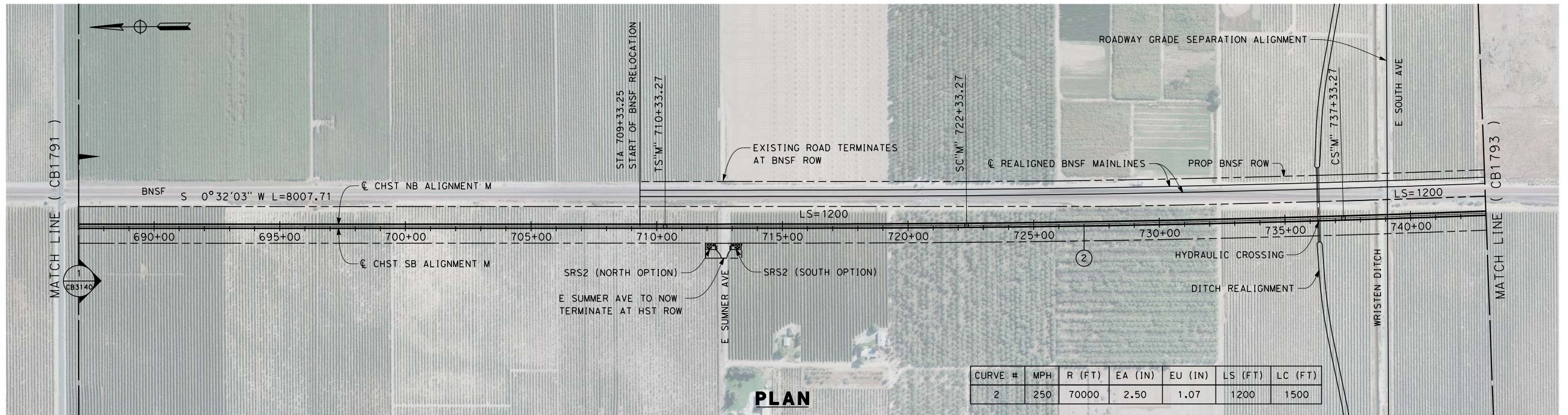
FRESNO SUBSECTION
ALIGNMENT F1
STA. 598+00 TO 627+07
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1672-A3
SCALE AS SHOWN
SHEET NO. 17 OF 24





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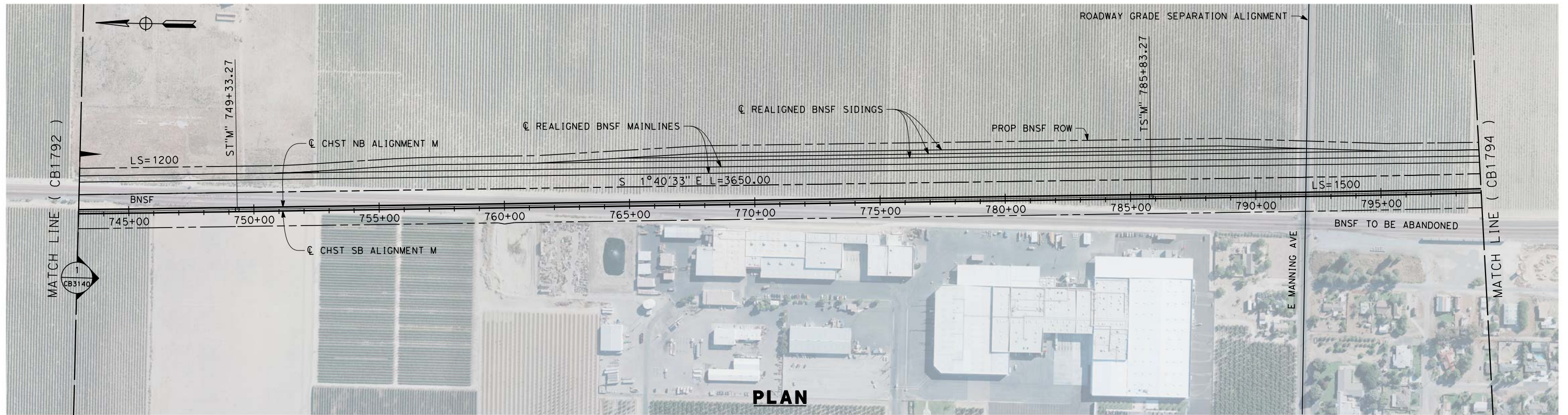
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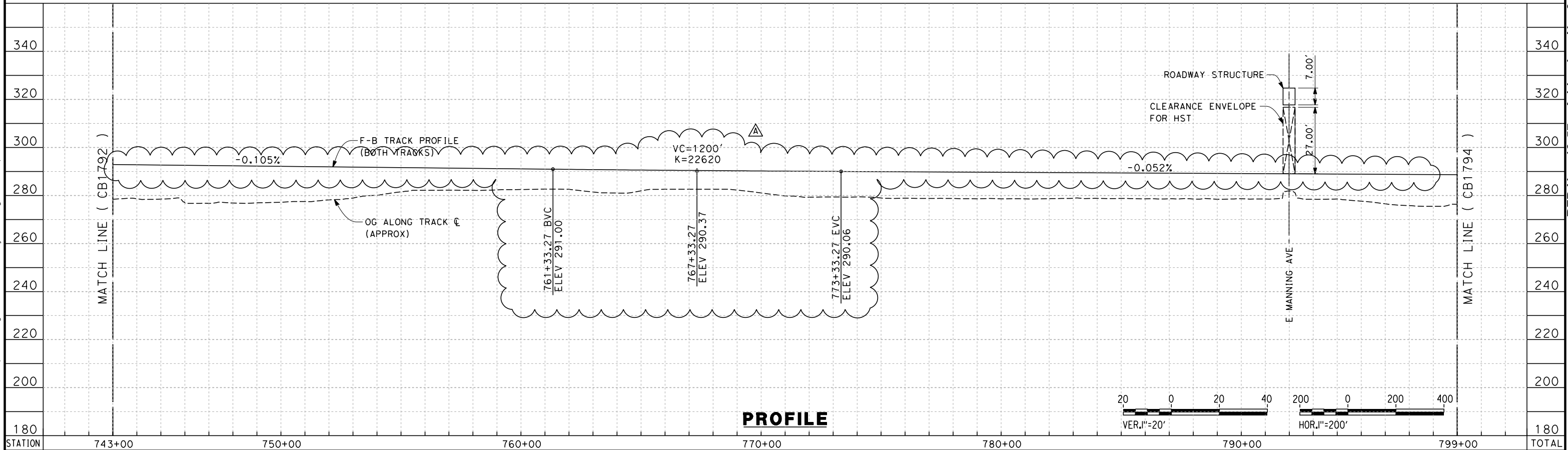
ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD MONMOUTH SUBSECTION ALIGNMENT M STA. 687+00 TO 743+00 PLAN AND PROFILE	CONTRACT NO. HSR 06-0003
						DRAWN BY P. TONKIN					DRAWING NO. CB1792-A3
						CHECKED BY K. SEYMOUR					SCALE AS SHOWN
						IN CHARGE R. COFFIN					SHEET NO. 3 OF 11
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3	DATE 05/23/14					
REV	DATE	BY	CHK	APP	DESCRIPTION						

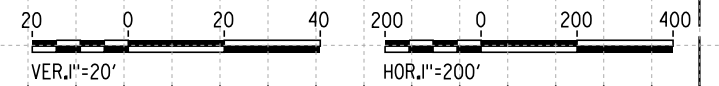
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PLAN



PROFILE



CY	Exc					Emb					TOTAL

ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY S. LITSAS
DRAWN BY P. TONKIN
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

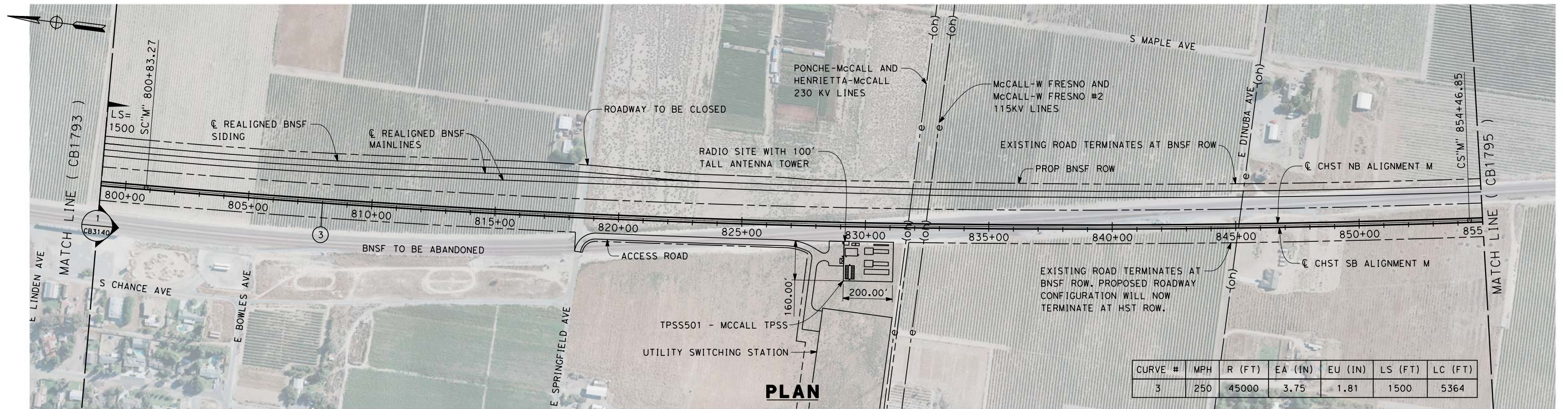
NOT FOR
CONSTRUCTION



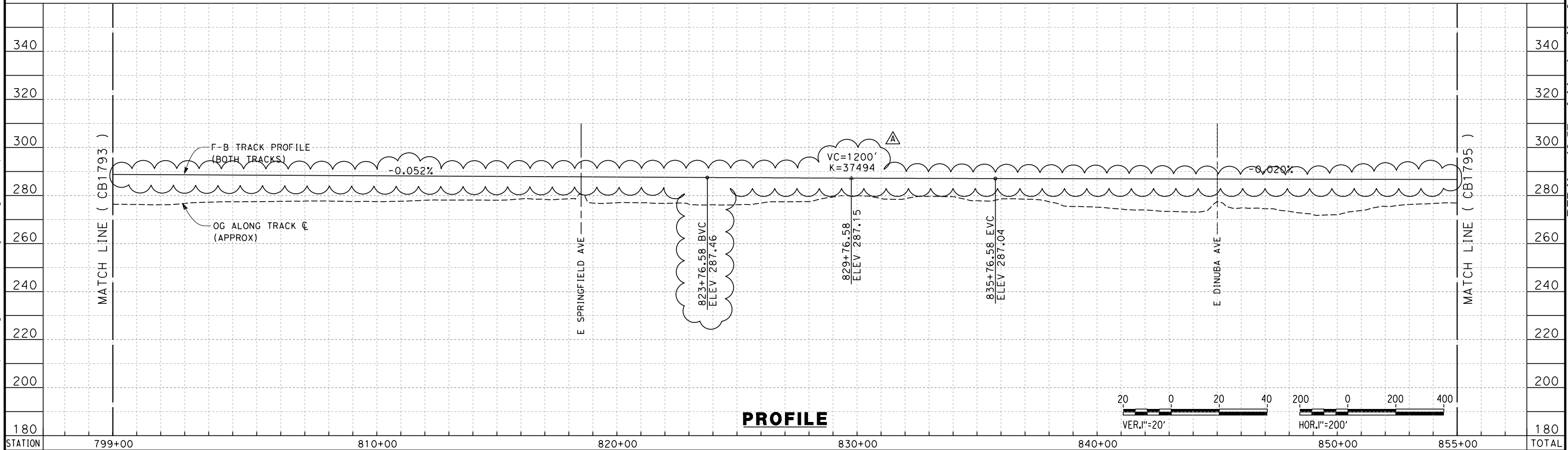
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
MONMOUTH SUBSECTION
ALIGNMENT M
STA. 743+00 TO 799+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1793-A3
SCALE AS SHOWN
SHEET NO. 4 OF 11

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CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
3	250	45000	3.75	1.81	1500	5364



STATION	799+00	810+00	820+00	830+00	840+00	850+00	855+00	TOTAL
CY	Exc							
	Emb							

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY S. LITSAS
DRAWN BY P. TONKIN
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

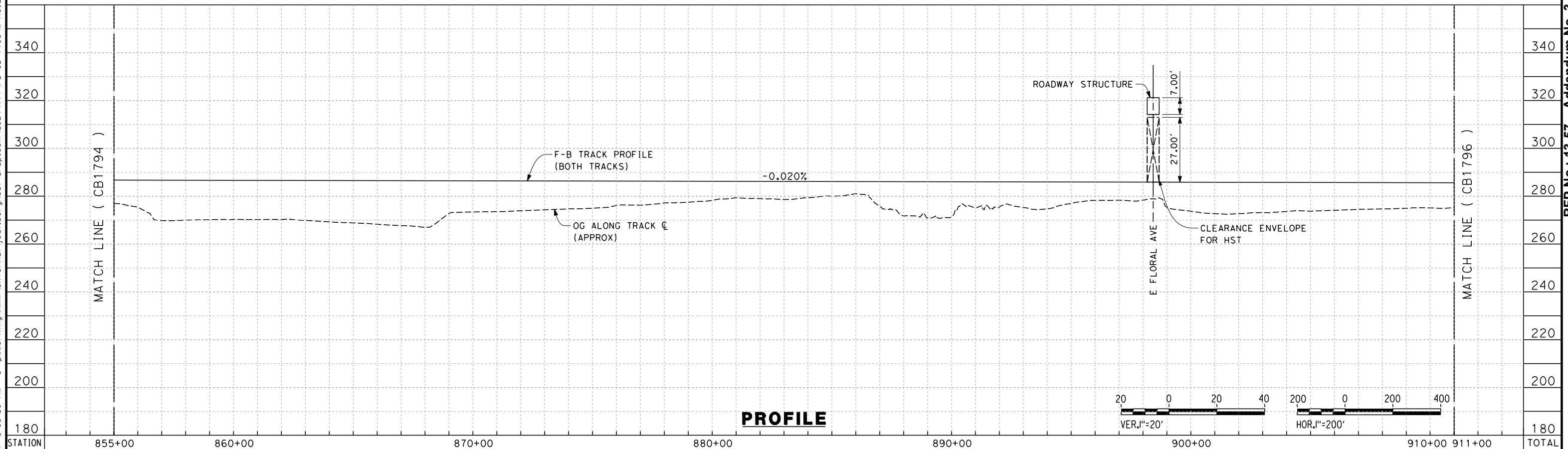
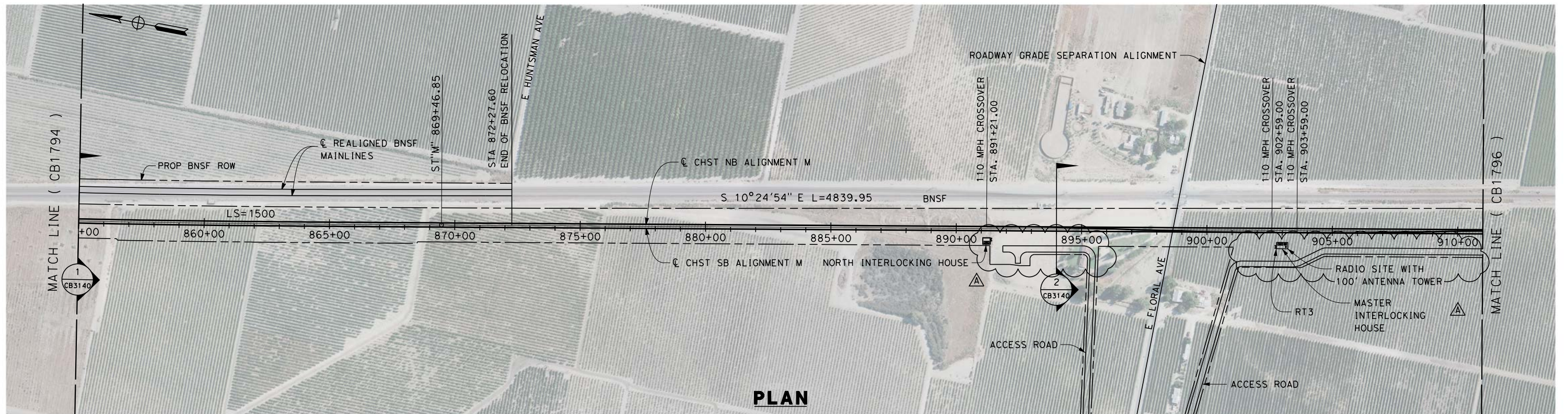
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
STA. 799+00 TO 855+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1794-A3
SCALE AS SHOWN
SHEET NO. 5 OF 11



ADDENDUM 3 - RFP HSR 13-57

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
STA. 855+00 TO 911+00
PLAN AND PROFILE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	CB1795-A3
SCALE	AS SHOWN
SHEET NO.	6 OF 11

A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

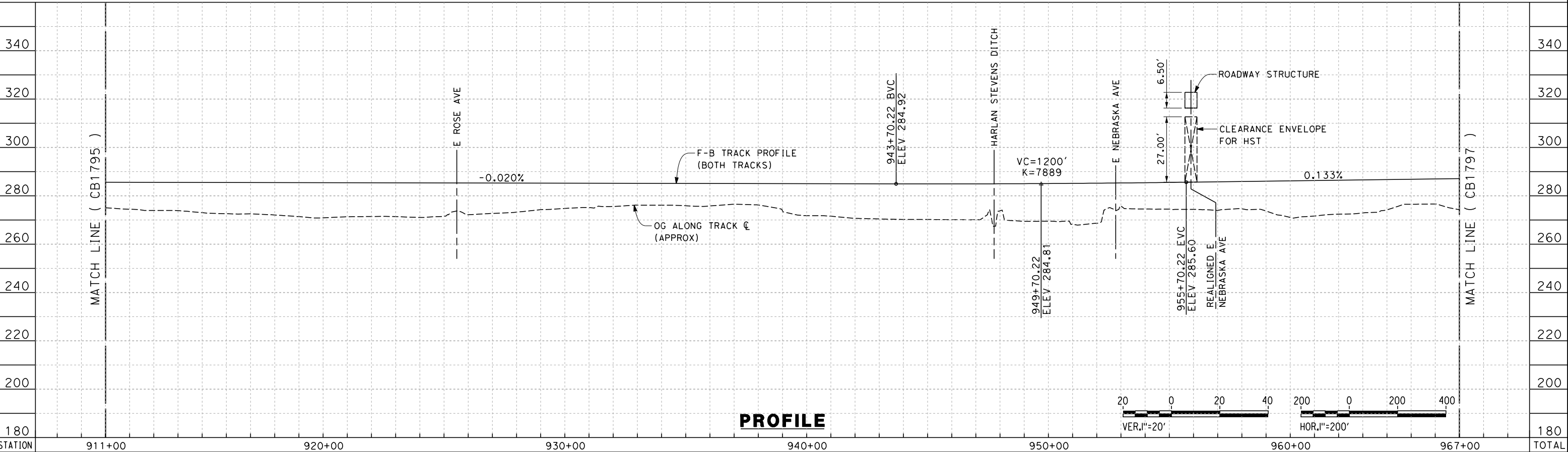
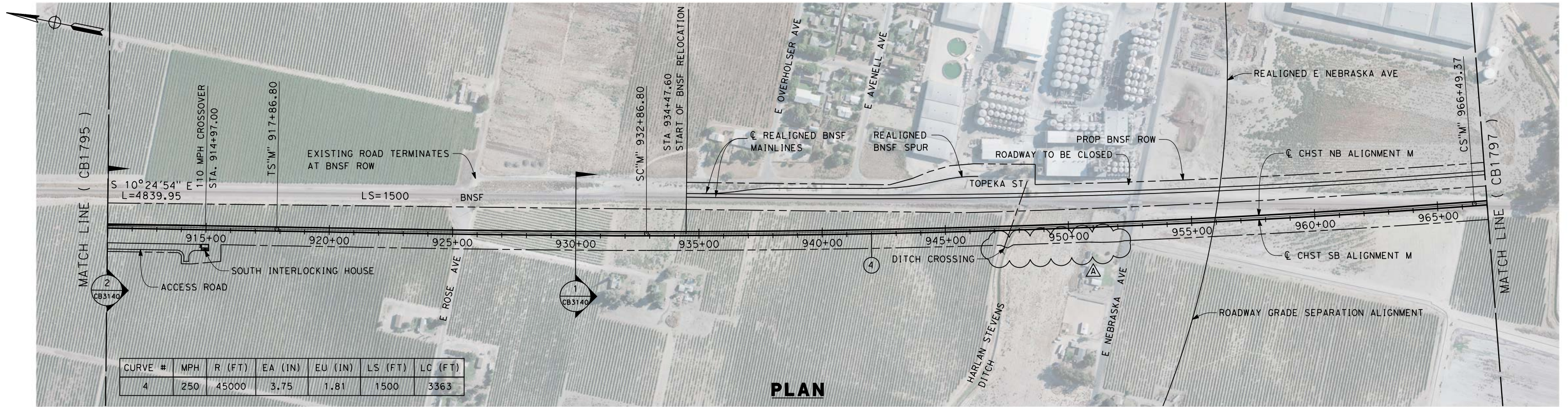
DESIGNED BY	S. LITSAS
DRAWN BY	P. TONKIN
CHECKED BY	K. SEYMOUR
IN CHARGE	R. COFFIN
DATE	05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



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A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. LITSAS
DRAWN BY P. TONKIN
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION

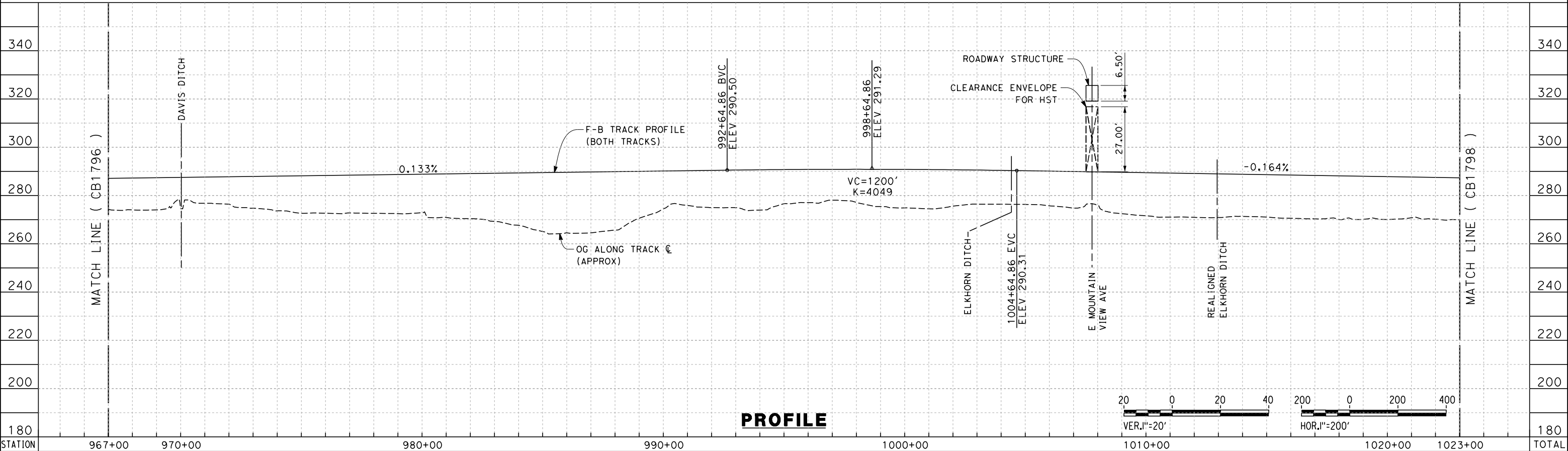
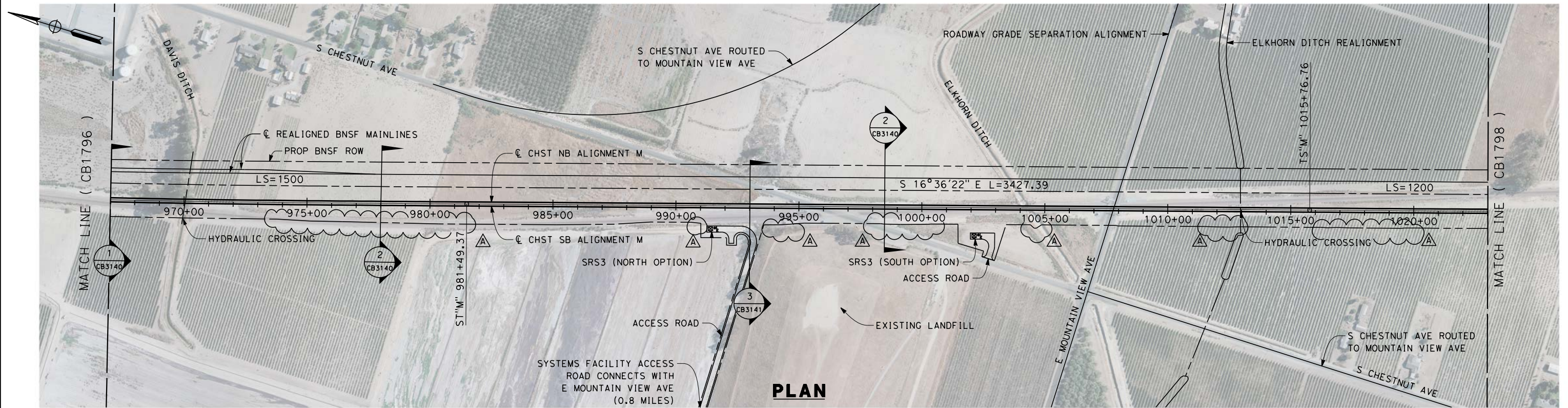


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
MONMOUTH SUBSECTION
ALIGNMENT M
STA. 911+00 TO 967+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1796-A3
SCALE AS SHOWN
SHEET NO. 7 OF 11

6/20/2014 10:12:02 AM c:\pwworking\hmm\external\jodi.borghesi-arup.com\d0244777\FB-CB-1797-M-A3.dgn

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STATION	967+00	970+00	980+00	990+00	1000+00	1010+00	1020+00	1023+00	TOTAL
CY	Exc								
	Emb								

A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. LITSAS
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
05/23/14

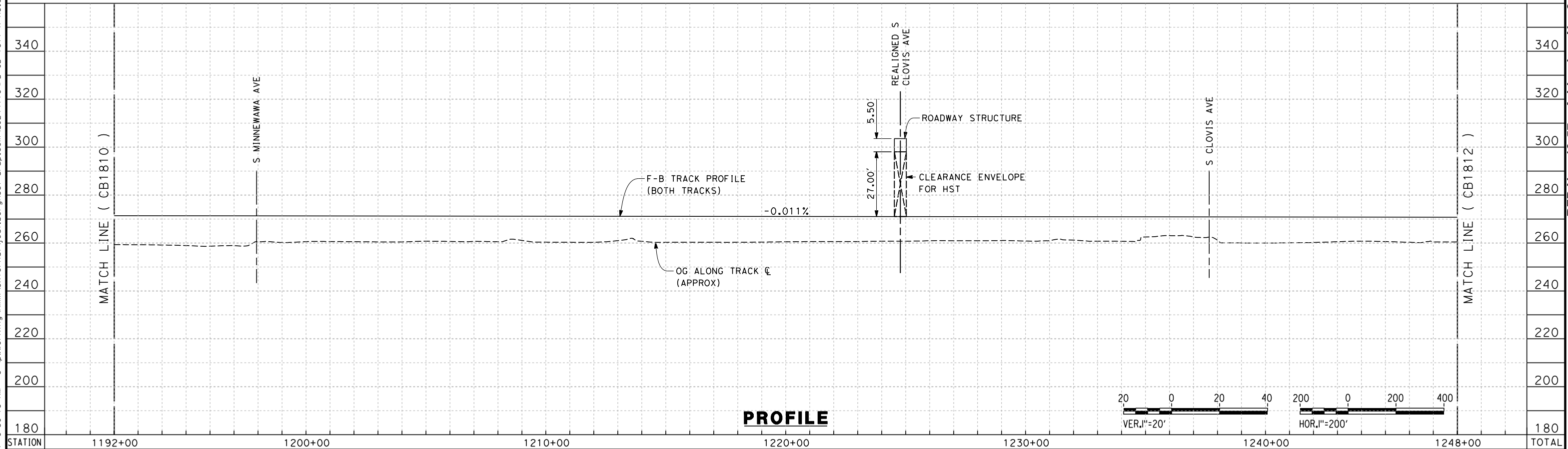
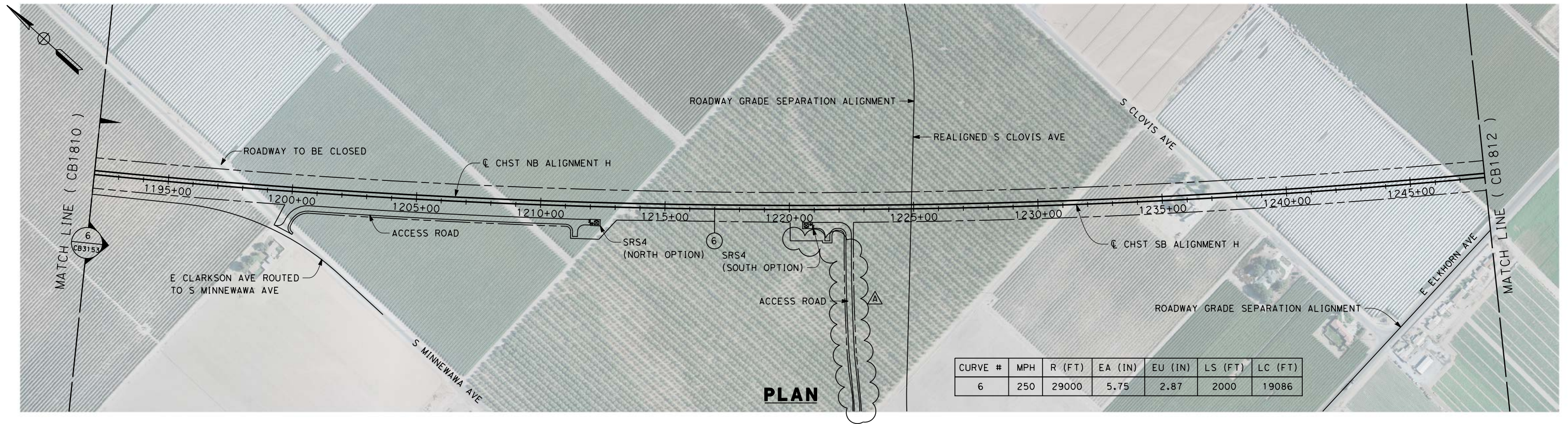
RECORD SET 15%
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
MONMOUTH SUBSECTION
ALIGNMENT M
STA. 967+00 TO 1023+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1797-A3
SCALE
AS SHOWN
SHEET NO.
8 OF 11

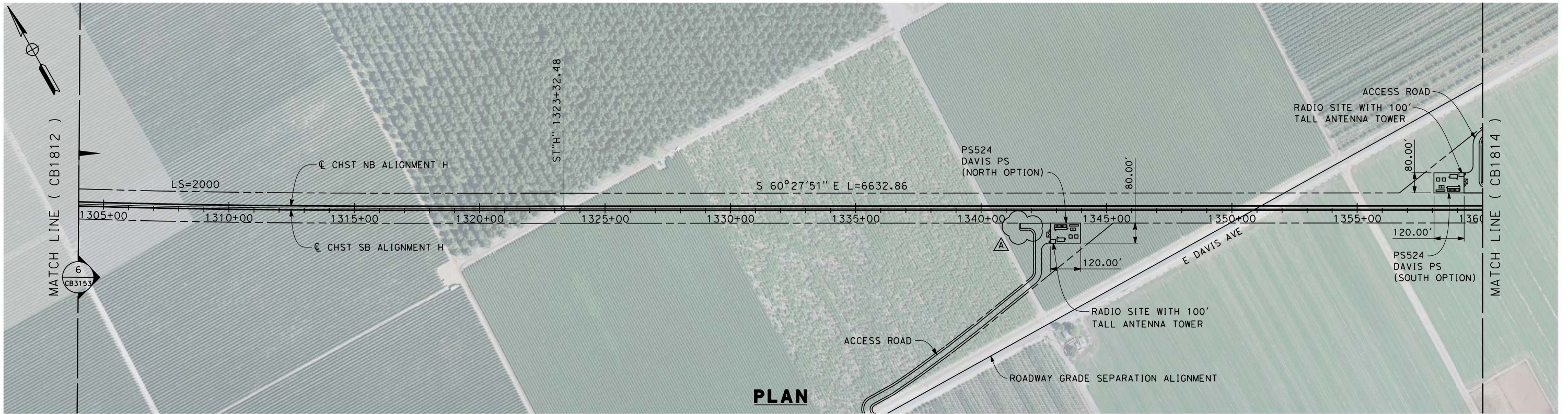
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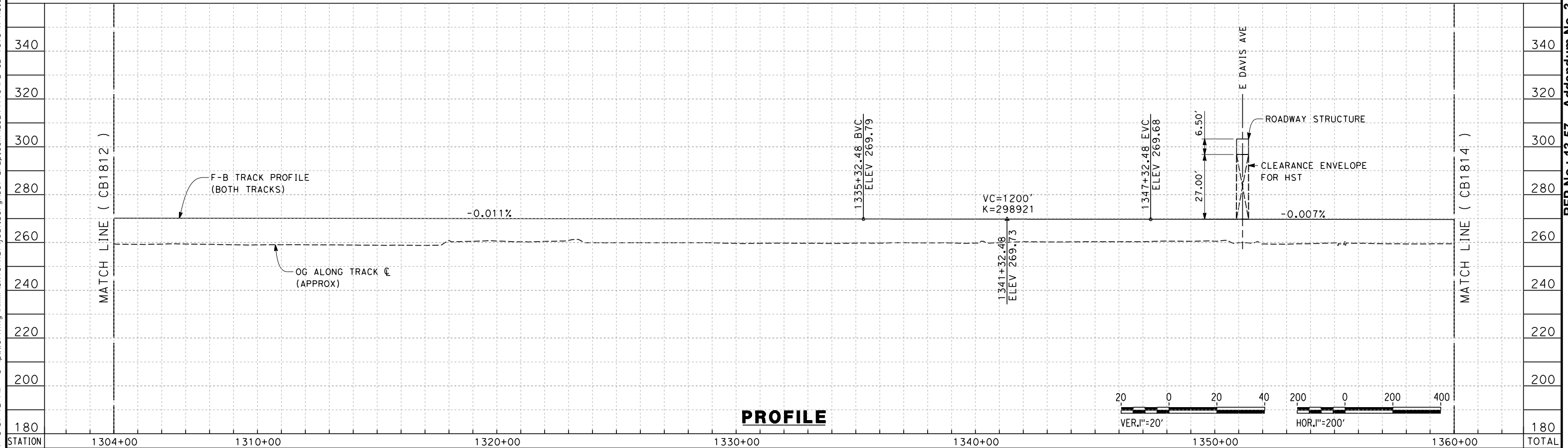
REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 		CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD HANFORD SUBSECTION ALIGNMENT H STA. 1192+00 TO 1248+00 PLAN AND PROFILE	CONTRACT NO. HSR 06-0003
DRAWN BY J. BORGHESI					DRAWING NO. CB1811-A3
CHECKED BY K. SEYMOUR					SCALE AS SHOWN
IN CHARGE R. COFFIN					SHEET NO. 5 OF 31
DATE 05/23/14					

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PLAN



PROFILE

CY		Exc	Emb	ADDENDUM 3 - RFP HSR 13-57										TOTAL

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY J. BORGHESI
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

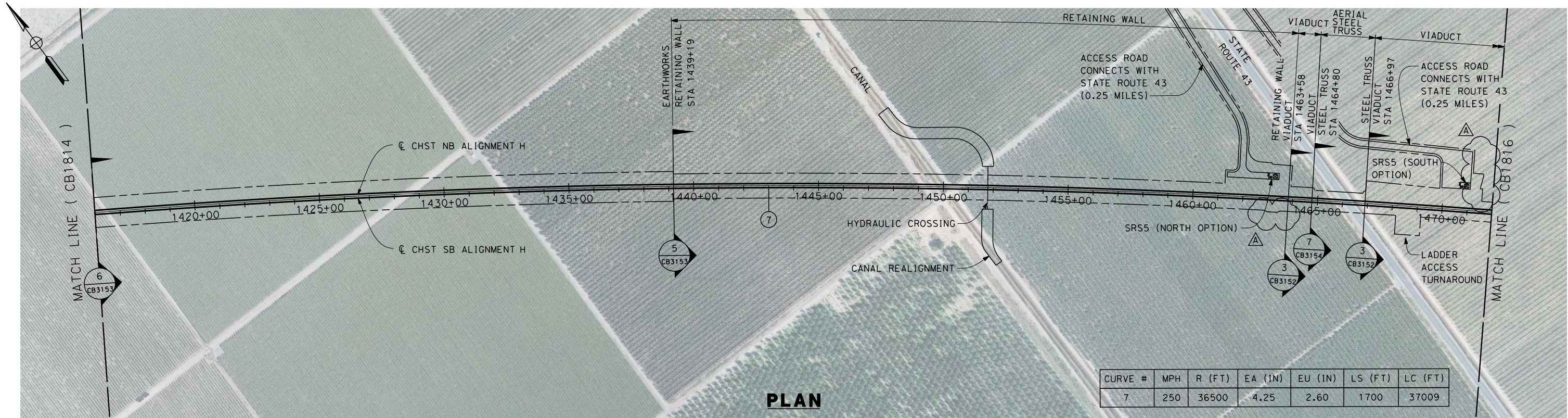
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CONSTRUCTION



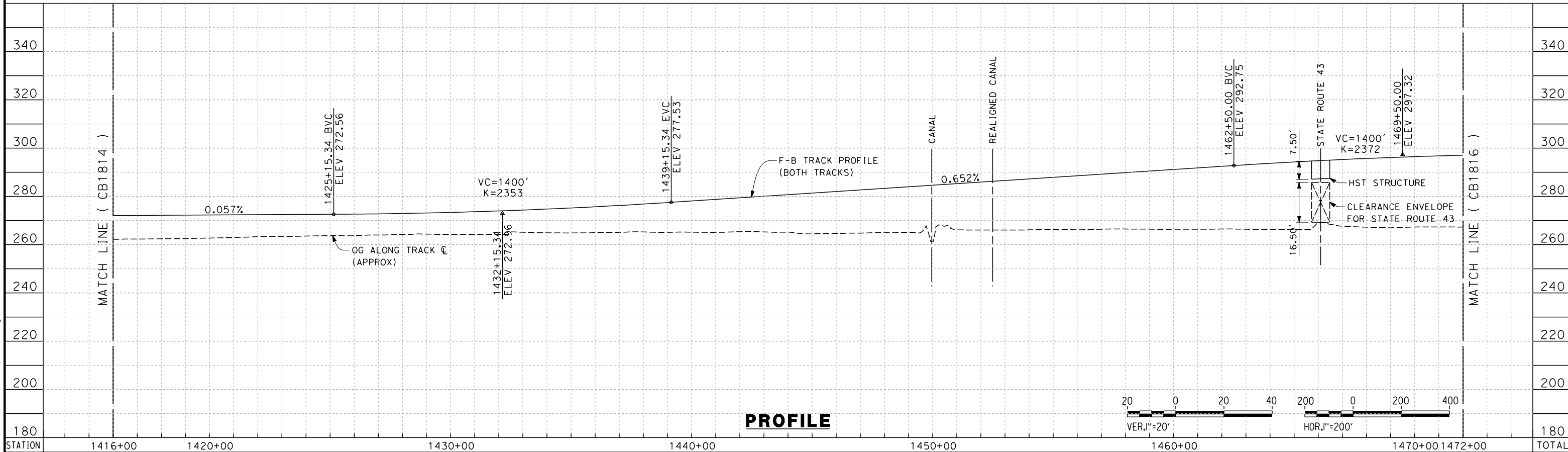
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
STA. 1304+00 TO 1360+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1813-A3
SCALE AS SHOWN
SHEET NO. 7 OF 31

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CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
7	250	36500	4.25	2.60	1700	37009



STATION	1416+00	1420+00	1430+00	1440+00	1450+00	1460+00	1470+00	1472+00	TOTAL
CY	Exc								
	Emb								

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY J. BORGHESE
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

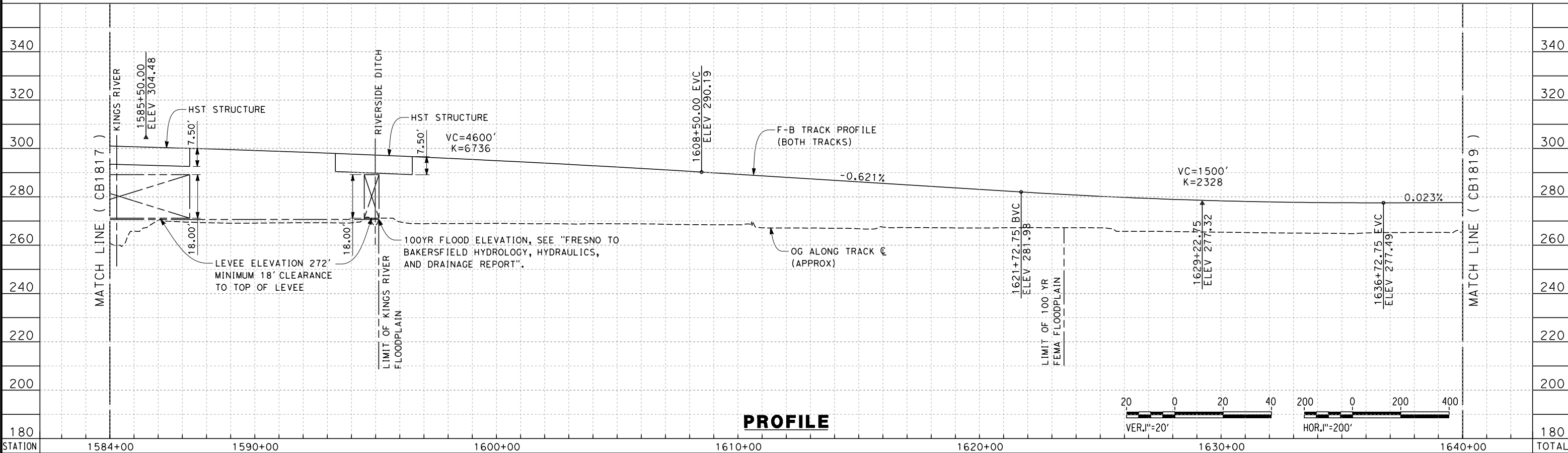
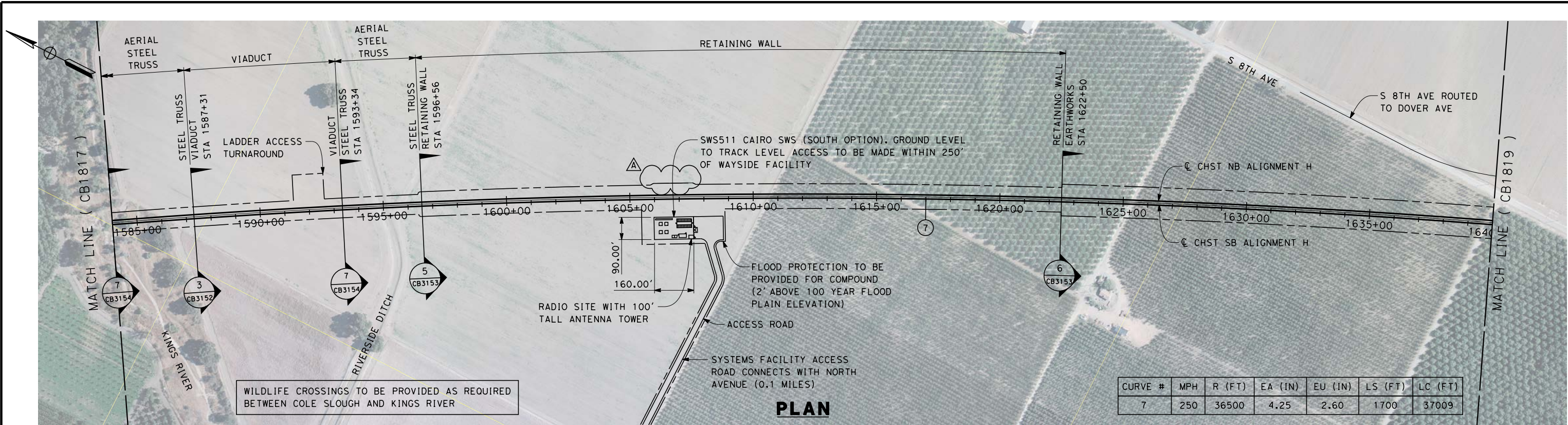


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

HANFORD SUBSECTION
ALIGNMENT H
STA. 1416+00 TO 1472+00
PLAN AND PROFILE

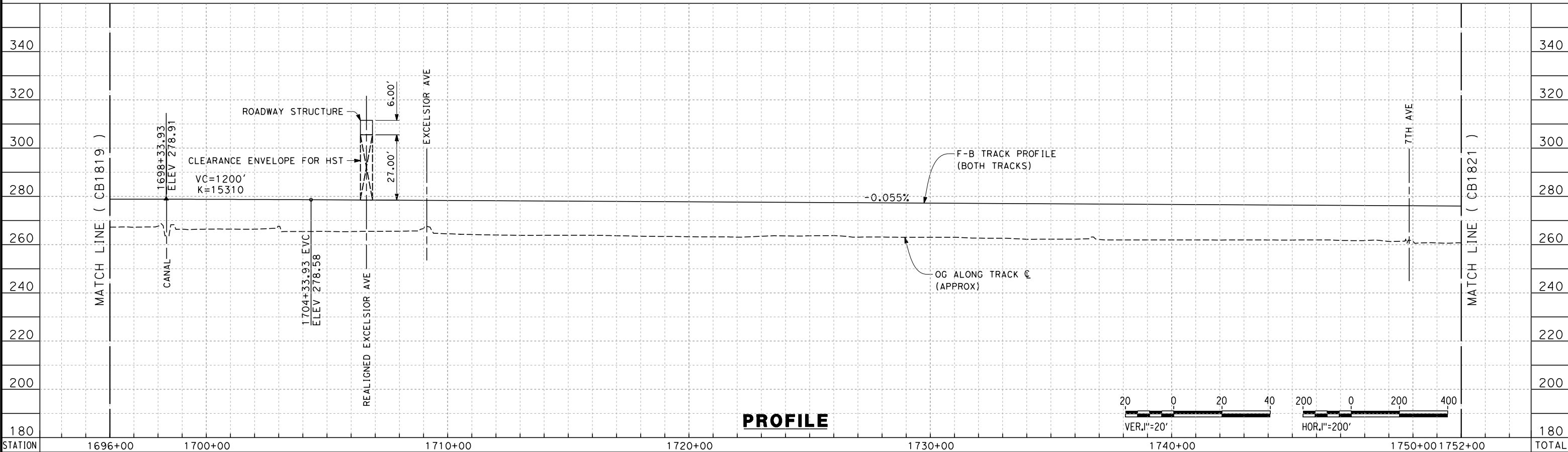
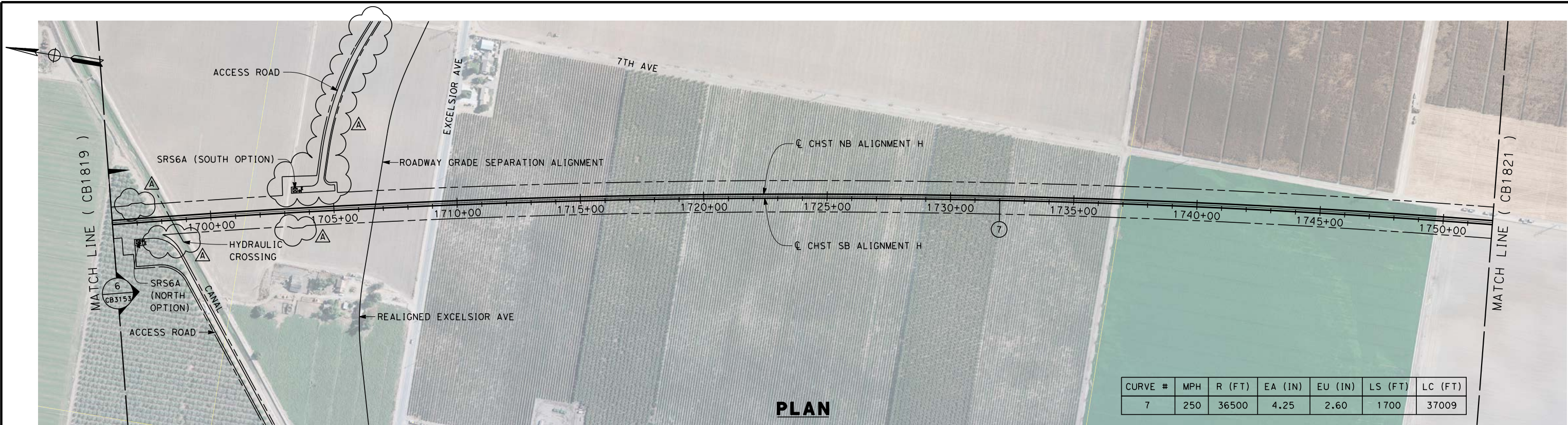
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DRAWING NO. CB1815-A3
SCALE AS SHOWN
SHEET NO. 9 OF 31

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ADDENDUM 3 - RFP HSR 13-57					
CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD HANFORD SUBSECTION ALIGNMENT H STA. 1584+00 TO 1640+00 PLAN AND PROFILE					
DESIGNED BY A. POLING		RECORD SET 15% DESIGN SUBMISSION		CONTRACT NO. HSR 06-0003	
DRAWN BY J. BORGHESI		NOT FOR CONSTRUCTION		DRAWING NO. CB1818-A3	
CHECKED BY K. SEYMOUR				SCALE AS SHOWN	
IN CHARGE R. COFFIN				SHEET NO. 12 OF 31	
DATE 05/23/14					
REV		DATE	BY	CHK	APP
A		2014/06	JLB	KS	SB
REVISED FOR ADDENDUM 3					

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REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY J. BORGHESI
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

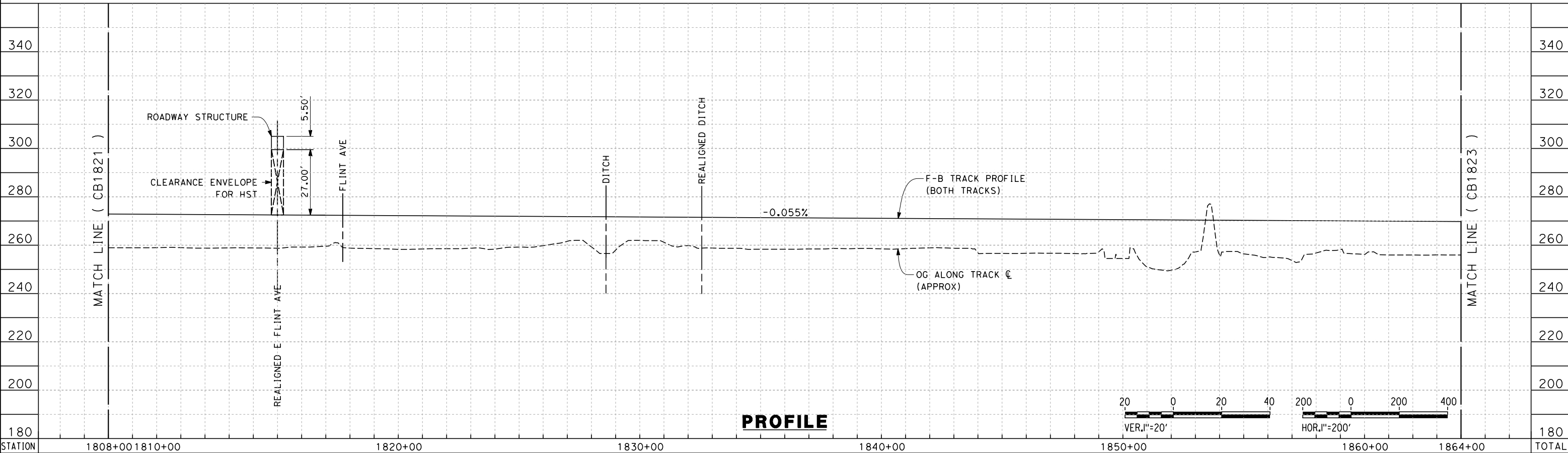
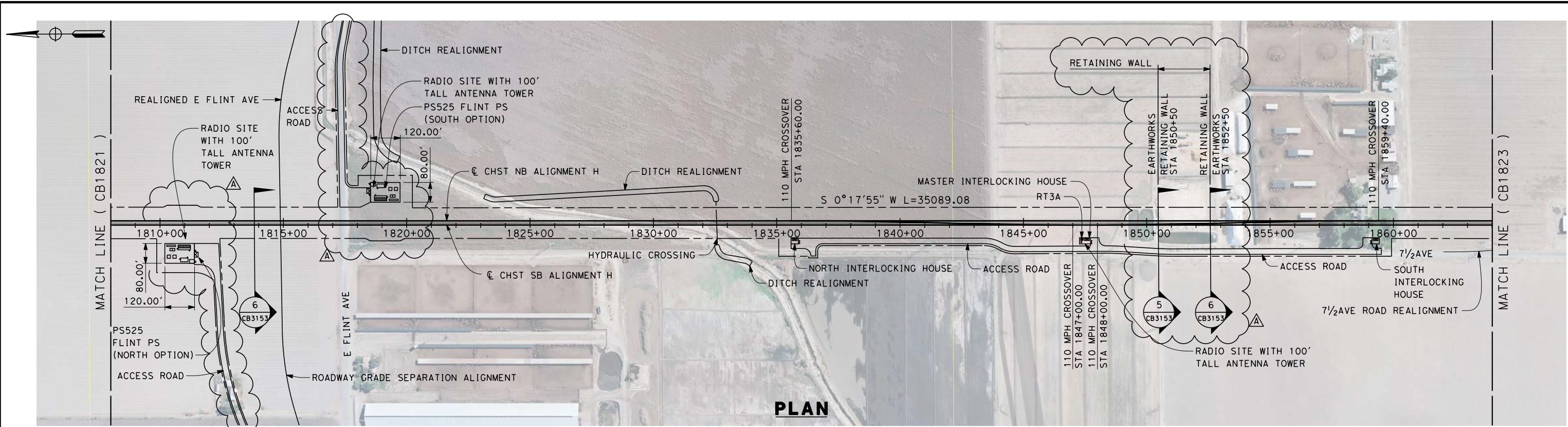
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
STA. 1696+00 TO 1752+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1820-A3
SCALE AS SHOWN
SHEET NO. 14 OF 31

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STATION		1808+00	1810+00			1820+00			1830+00			1840+00			1850+00			1860+00	1864+00	TOTAL
CY	Exc																			
	Emb																			

A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3															
REV	DATE	BY	CHK	APP	DESCRIPTION															

DESIGNED BY A. POLING
DRAWN BY J. BORGHESI
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

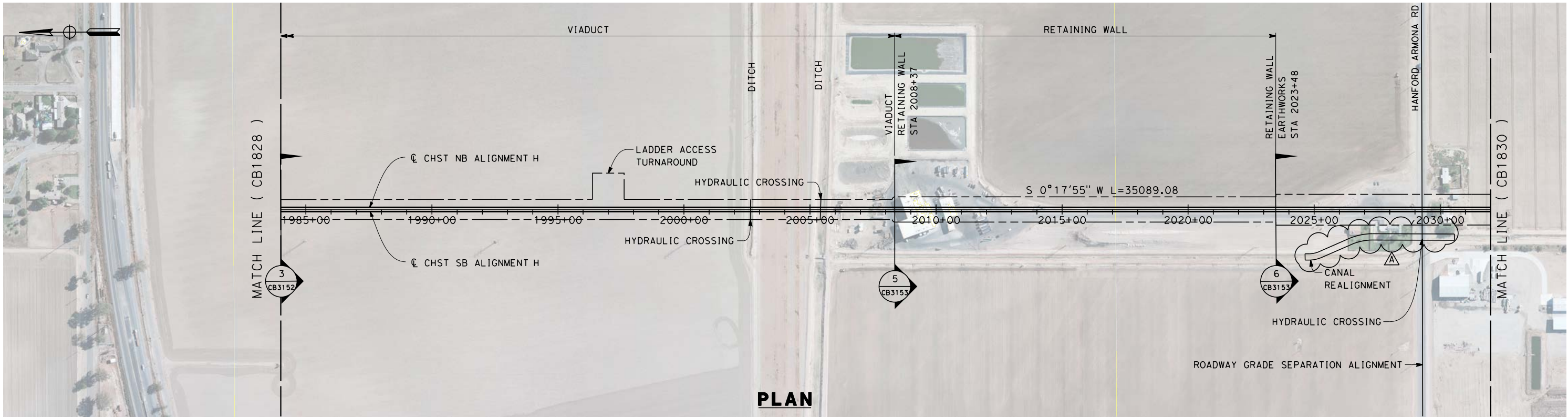
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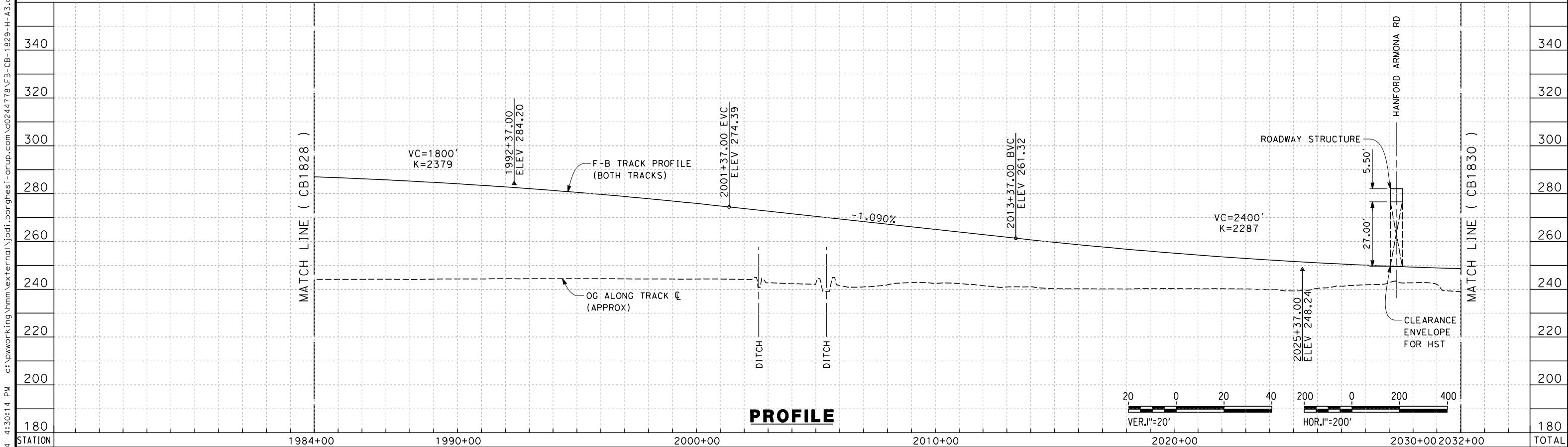
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
STA. 1808+00 TO 1864+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1822-A3
SCALE AS SHOWN
SHEET NO. 16 OF 31

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PLAN





PROFILE

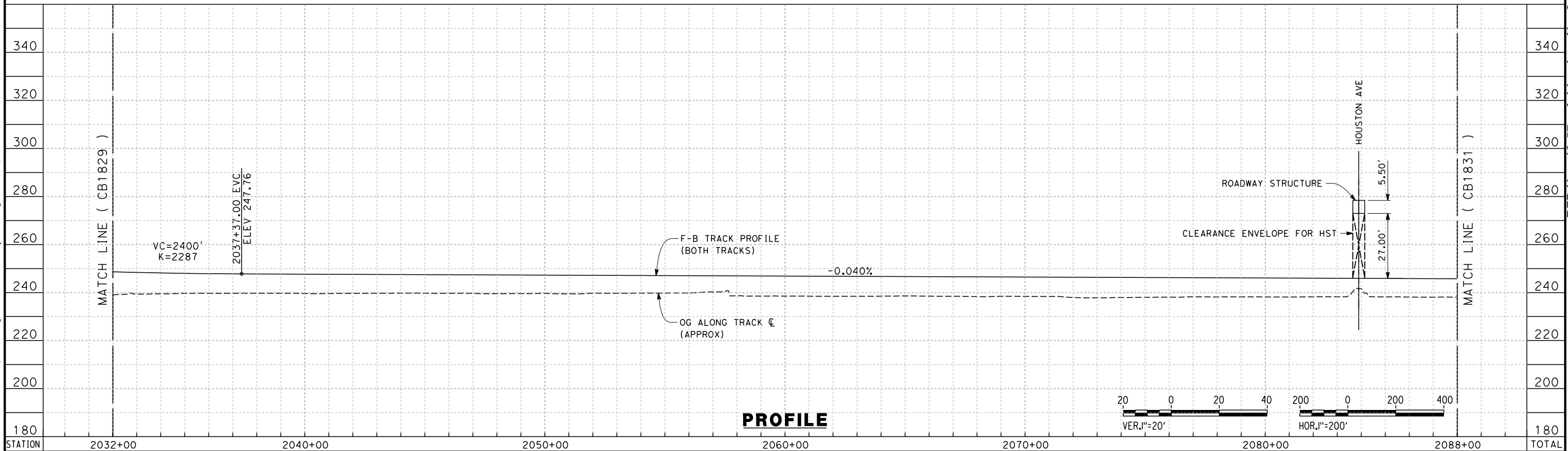
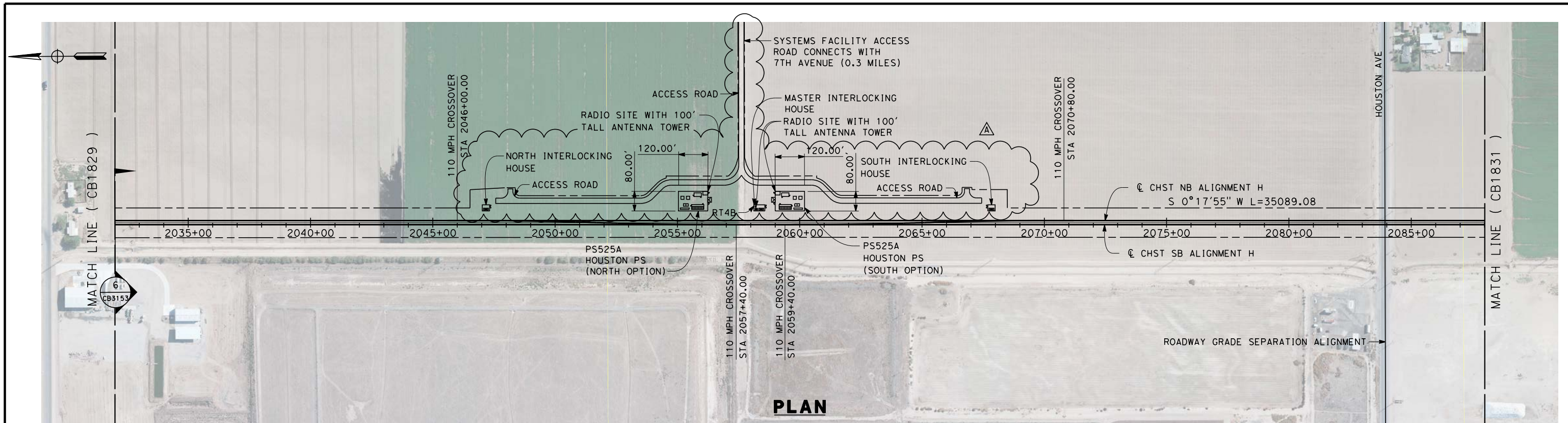
STATION		1984+00	1990+00	2000+00	2010+00	2020+00	2030+00	2032+00	TOTAL
CY	Exc								
	Emb								

ADDENDUM 3 - RFP HSR 13-57

jodi.borghesi

						DESIGNED BY A. POLING	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD HANFORD SUBSECTION ALIGNMENT H STA. 1984+00 TO 2032+00 PLAN AND PROFILE				CONTRACT NO. HSR 06-0003	
						DRAWN BY J. BORGHESI								DRAWING NO. CB1829-A3	
						CHECKED BY K. SEYMOUR								SCALE AS SHOWN	
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN								SHEET NO. 23 OF 31	
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 05/23/14									

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STATION	2032+00	2040+00	2050+00	2060+00	2070+00	2080+00	2088+00	TOTAL
CY	Exc							
	Emb							

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY J. BORGHESI
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

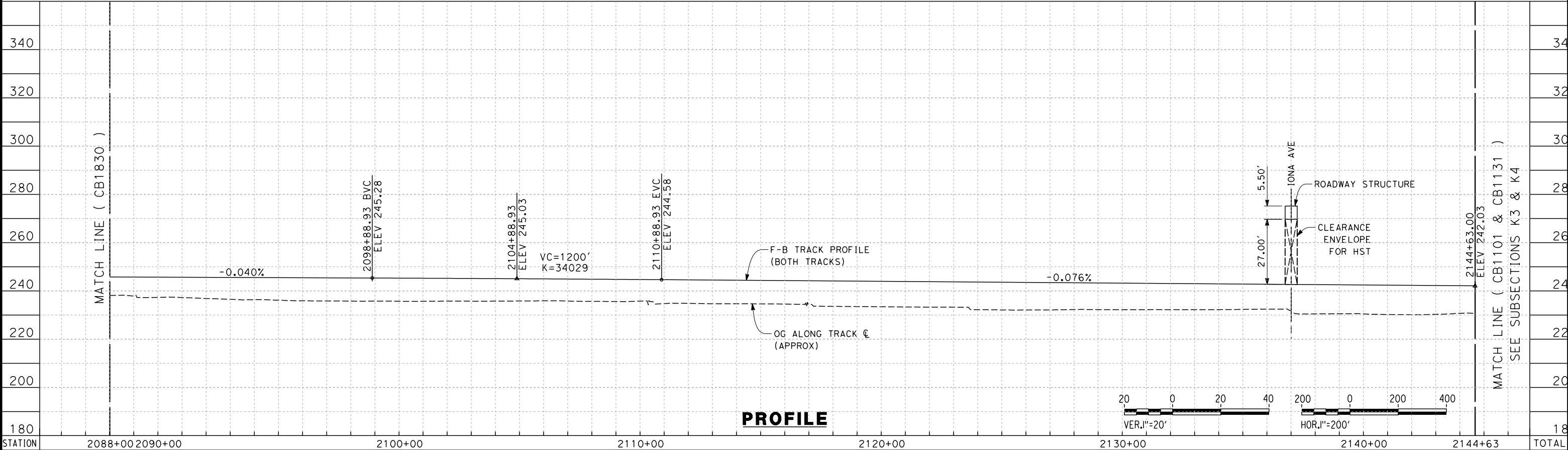
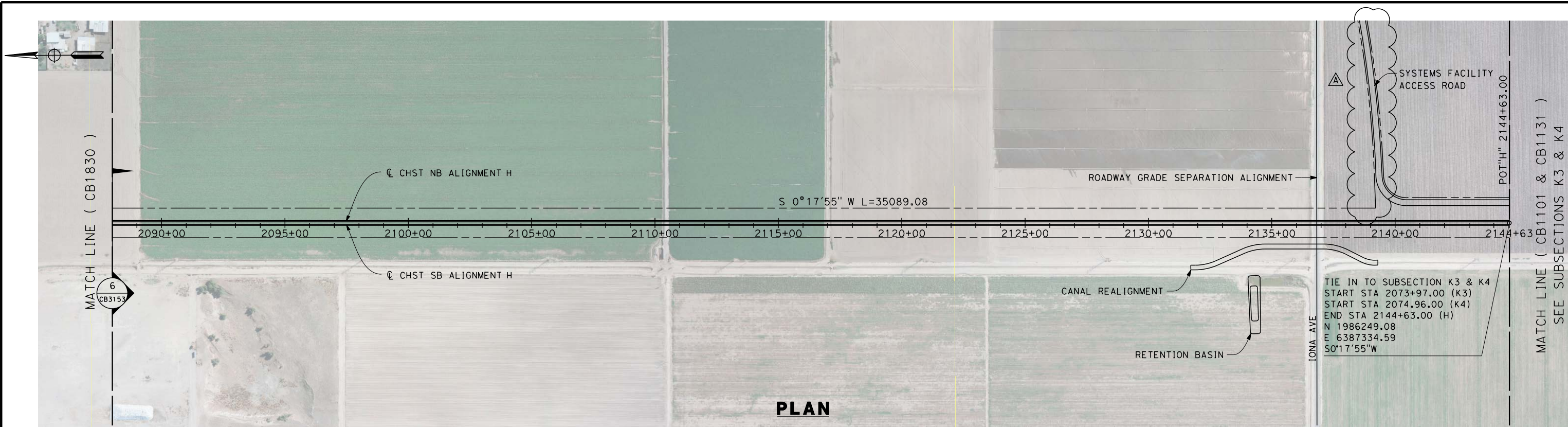


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

HANFORD SUBSECTION
ALIGNMENT H
STA. 2032+00 TO 2088+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1830-A3
SCALE AS SHOWN
SHEET NO. 24 OF 31

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STATION	2088+00	2090+00	2100+00	2110+00	2120+00	2130+00	2140+00	2144+63	TOTAL
CY	Exc								
	Emb								

A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3				
REV	DATE	BY	CHK	APP	DESCRIPTION				

DESIGNED BY	A. POLING
DRAWN BY	J. BORGHESI
CHECKED BY	K. SEYMOUR
IN CHARGE	R. COFFIN
DATE	05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

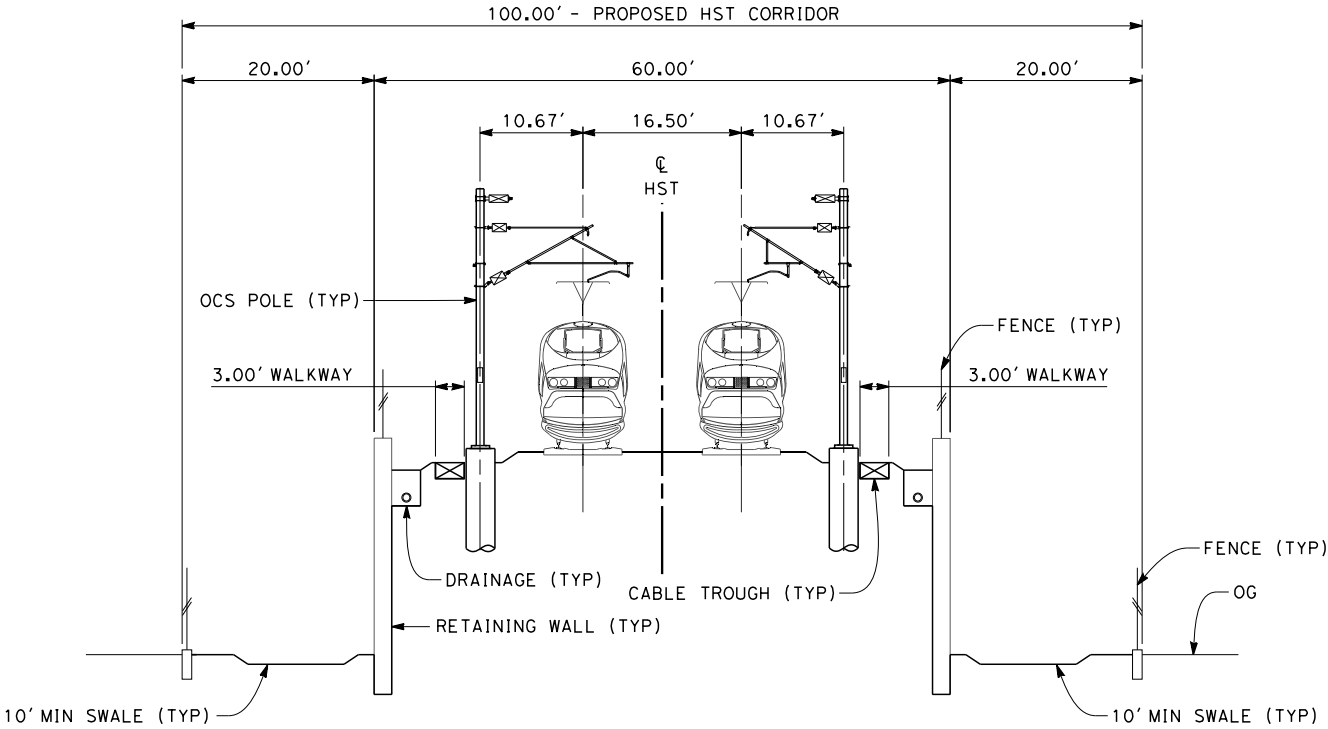
HANFORD SUBSECTION
ALIGNMENT H
STA. 2088+00 TO 2144+63
PLAN AND PROFILE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	CB1831-A3
SCALE	AS SHOWN
SHEET NO.	25 OF 31

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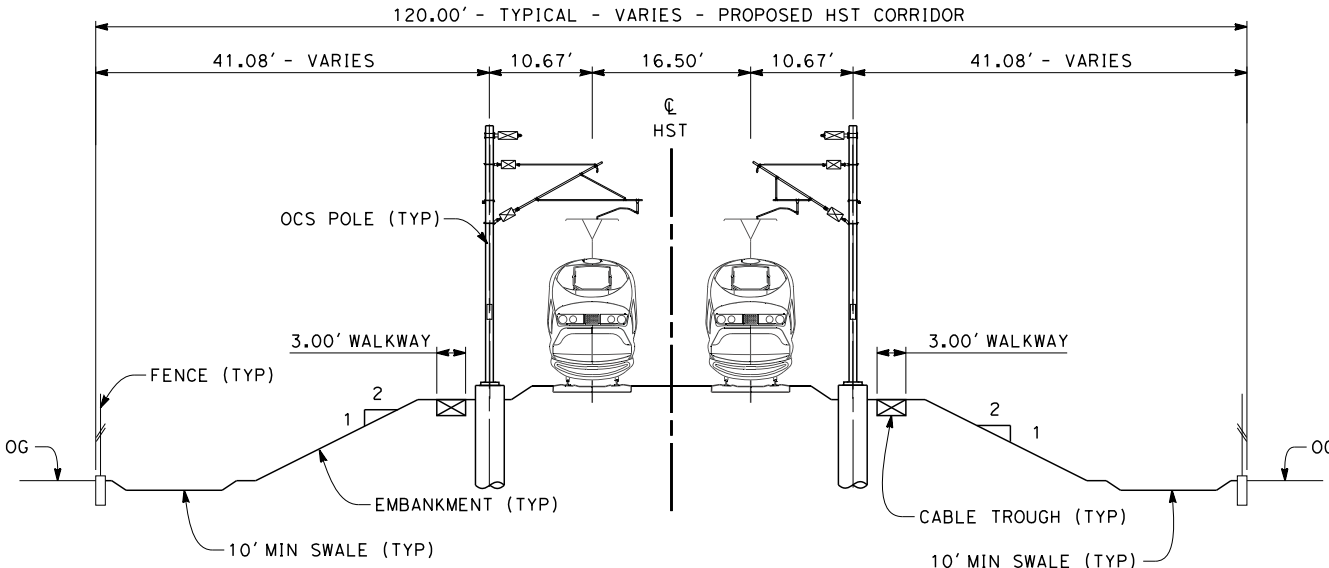
NOTES:

1. TRACKFORM SHOWN IS INDICATIVE
2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
3. SUPERELEVATION IS NOT SHOWN IN CROSS SECTIONS. FOR DETAILS OF SUPERELEVATION SEE CURVE TABLES.
4. LEFT SIDE IS RETAINED EMBANKMENT WITH OPEN DRAINAGE AND RIGHT SIDE IS EMBANKMENT WITH OPEN DRAINAGE.



SECTION 5

TWIN TRACK - RETAINED EMBANKMENT WITH OPEN DRAINAGE
STA 1156+20 THROUGH STA 1173+50
STA 1439+19 THROUGH STA 1463+58
STA 1596+56 THROUGH STA 1622+50
STA 1850+50 THROUGH STA 1852+50 (SEE NOTE 4)
STA 1885+40 THROUGH STA 1903+57
STA 2008+37 THROUGH STA 2023+48



SECTION 6

TWIN TRACK - EMBANKMENT WITH OPEN DRAINAGE
STA 1173+50 THROUGH STA 1439+19
STA 1622+50 THROUGH STA 1850+50
STA 1852+50 THROUGH STA 1885+40
STA 2023+48 THROUGH STA 2144+63



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	JLB	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY J. BORGHESI
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 03/19/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

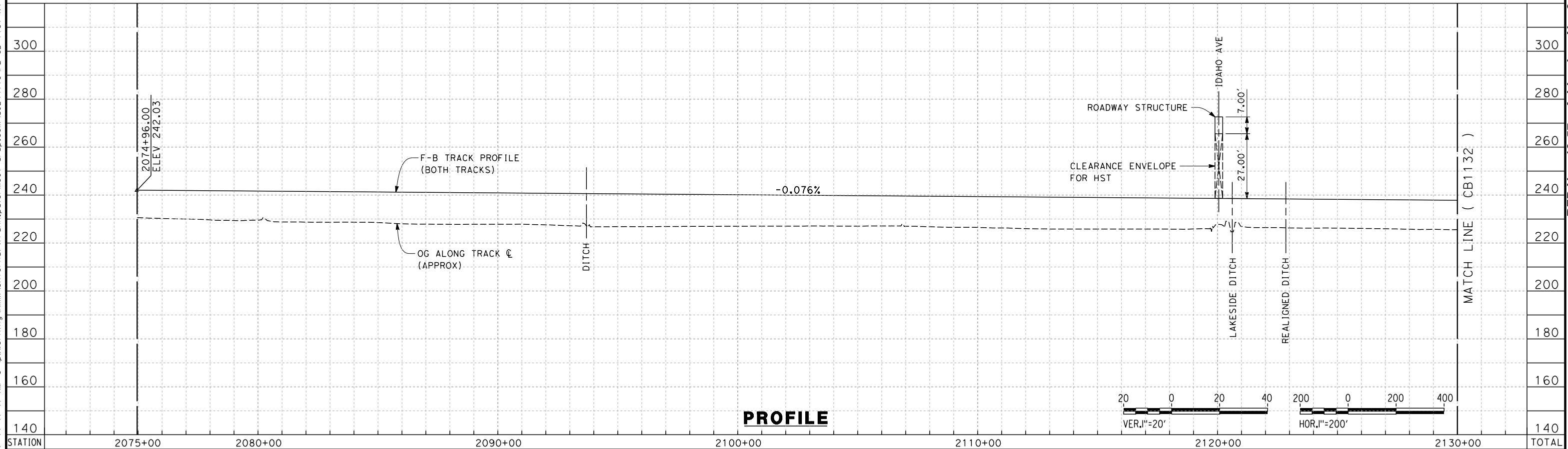
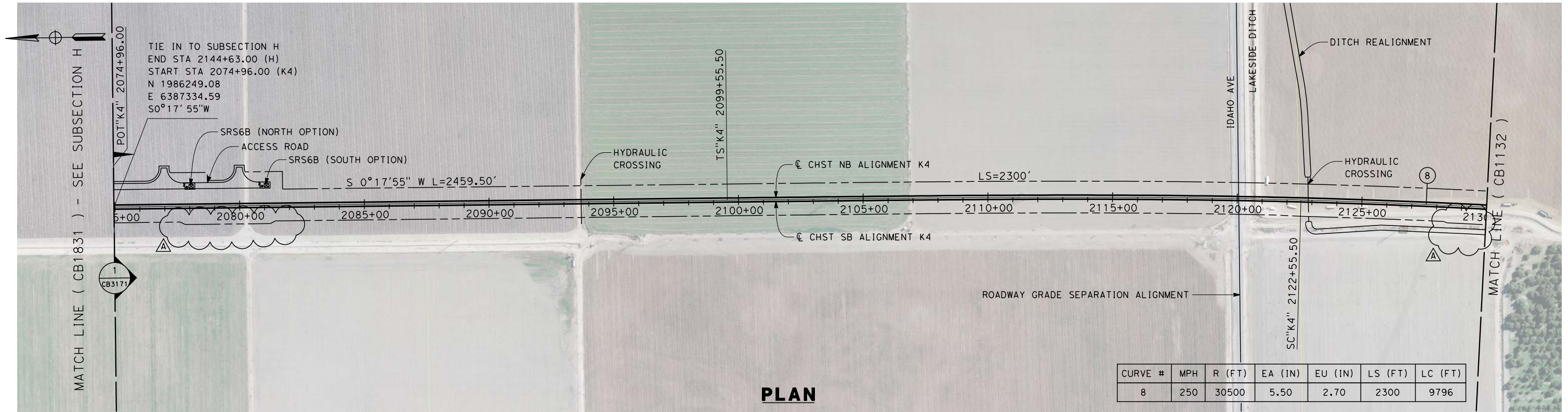


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

HANFORD SUBSECTION
ALIGNMENT H
TYPICAL SECTIONS

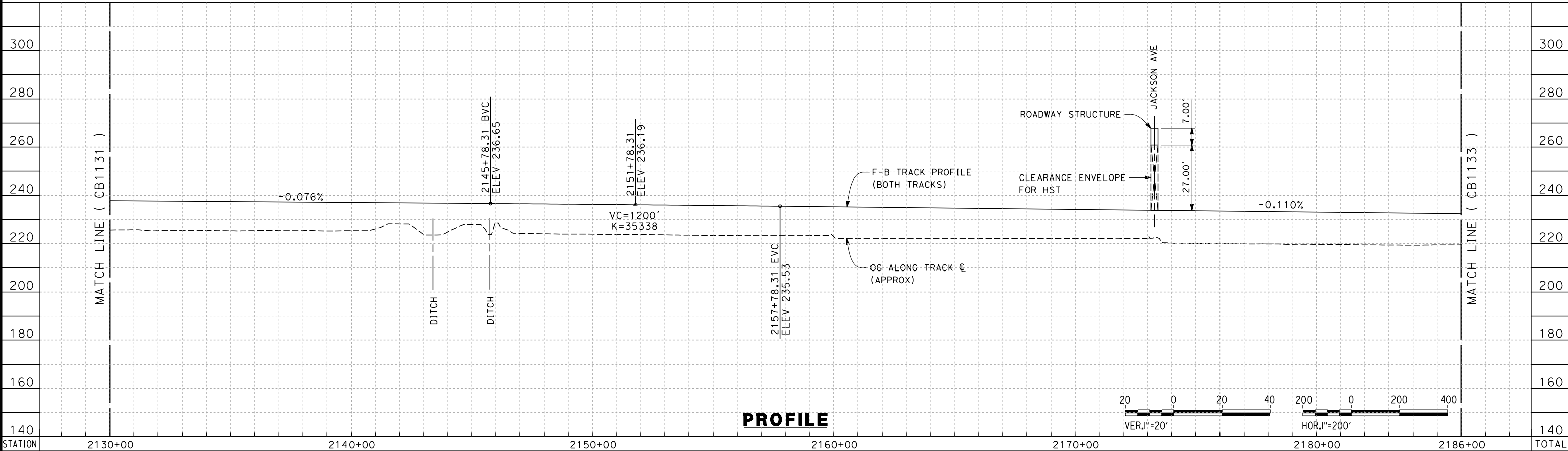
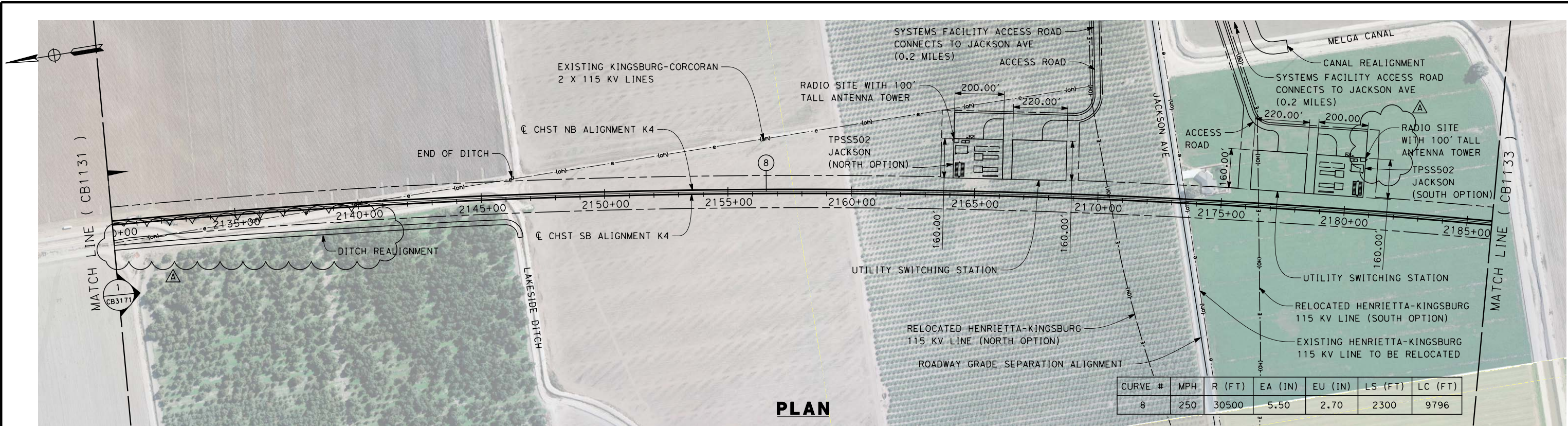
CONTRACT NO. HSR 06-0003
DRAWING NO. CB3153-A3
SCALE AS SHOWN
SHEET NO. 28 OF 31

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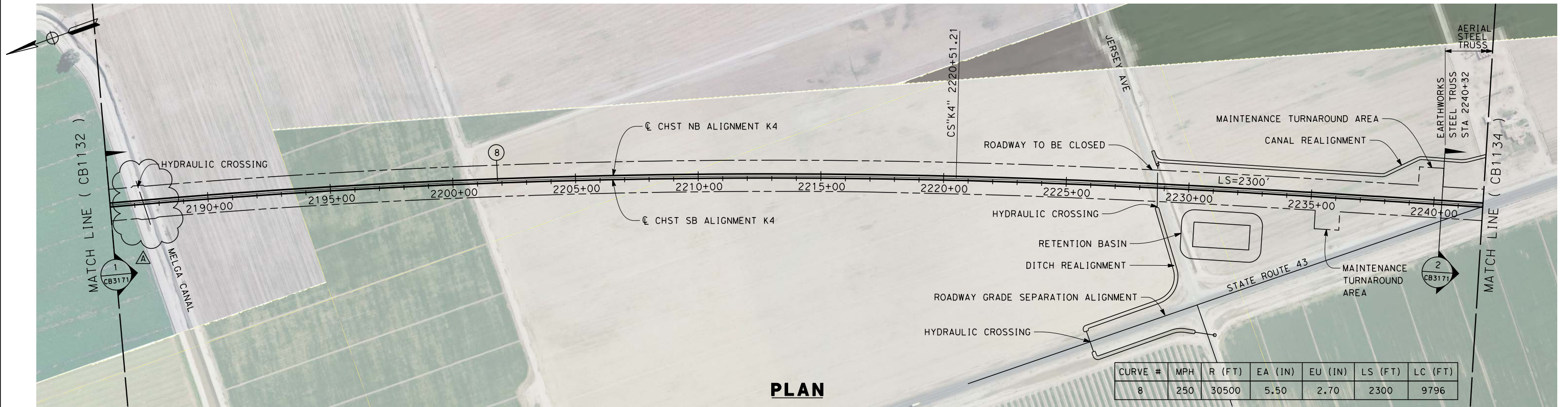
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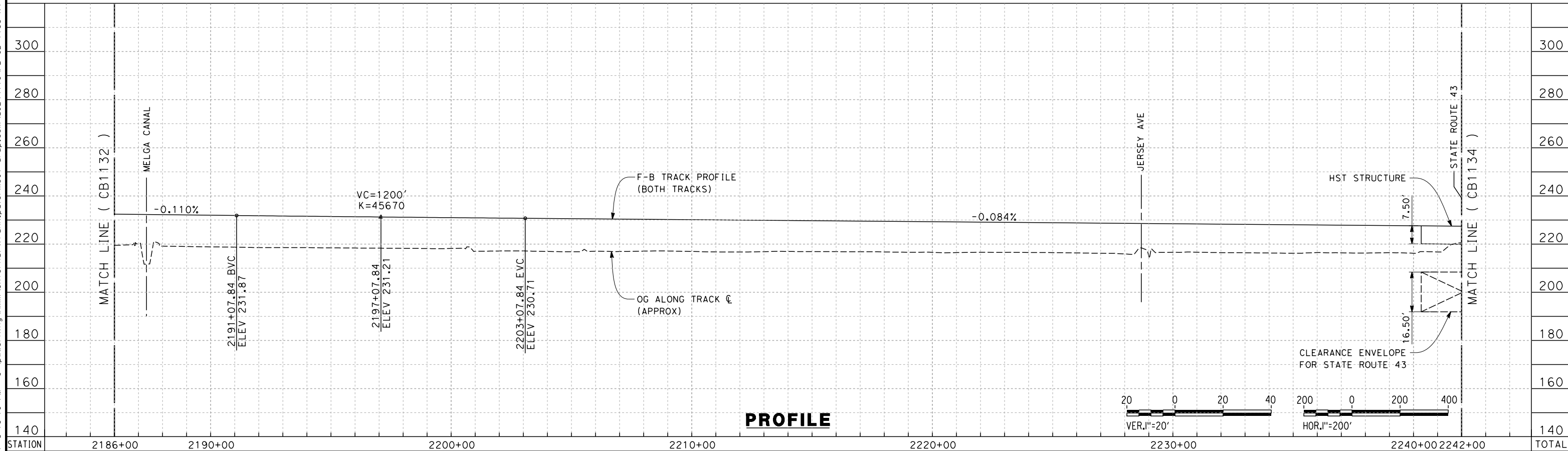


DESIGNED BY A. POLING						RECORD SET 15% DESIGN SUBMISSION		URS HMM ARUP		CALIFORNIA HIGH-SPEED RAIL AUTHORITY		CONTRACT NO. HSR 06-0003	
DRAWN BY E. TANAKA						NOT FOR CONSTRUCTION		CALIFORNIA HIGH-SPEED TRAIN		DRAWING NO. CB1132-A3		SCALE AS SHOWN	
CHECKED BY K. SEYMOUR										SCALE AS SHOWN		SHEET NO. 3 OF 15	
IN CHARGE R. COFFIN										CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD			
DATE 03/19/14										KAWEAH SUBSECTION ALIGNMENT K4 STA. 2130+00 TO 2186+00 PLAN AND PROFILE			
REV	DATE	BY	CHK	APP	DESCRIPTION								
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3								

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PLAN



PROFILE

ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. POLING
DRAWN BY E. TANAKA
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

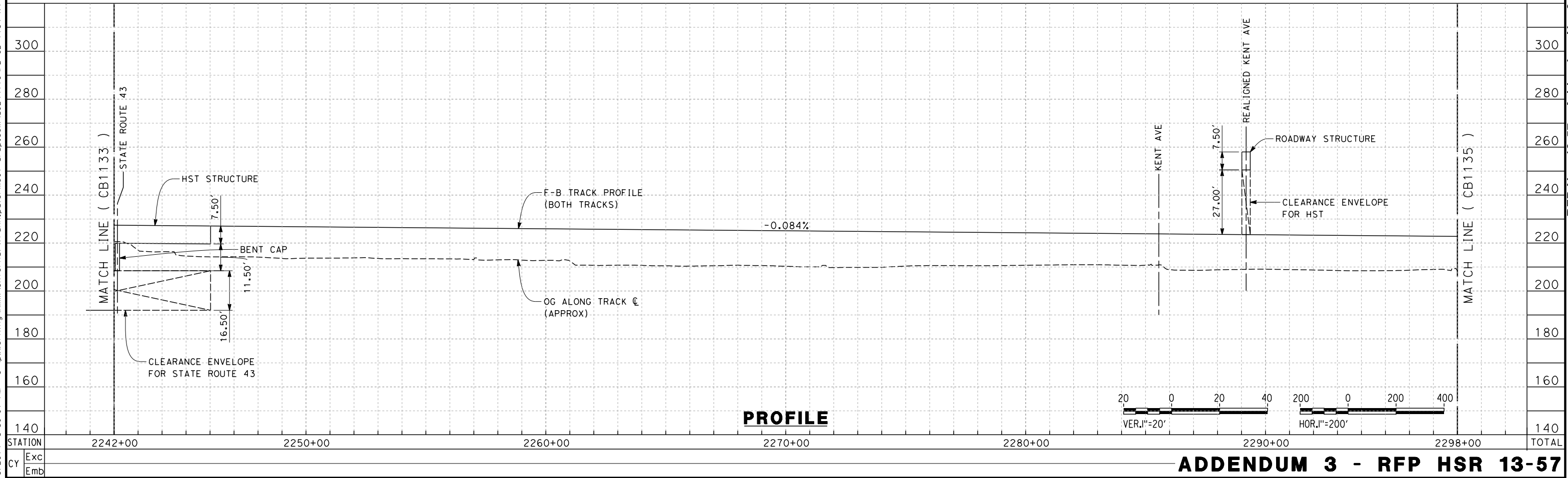
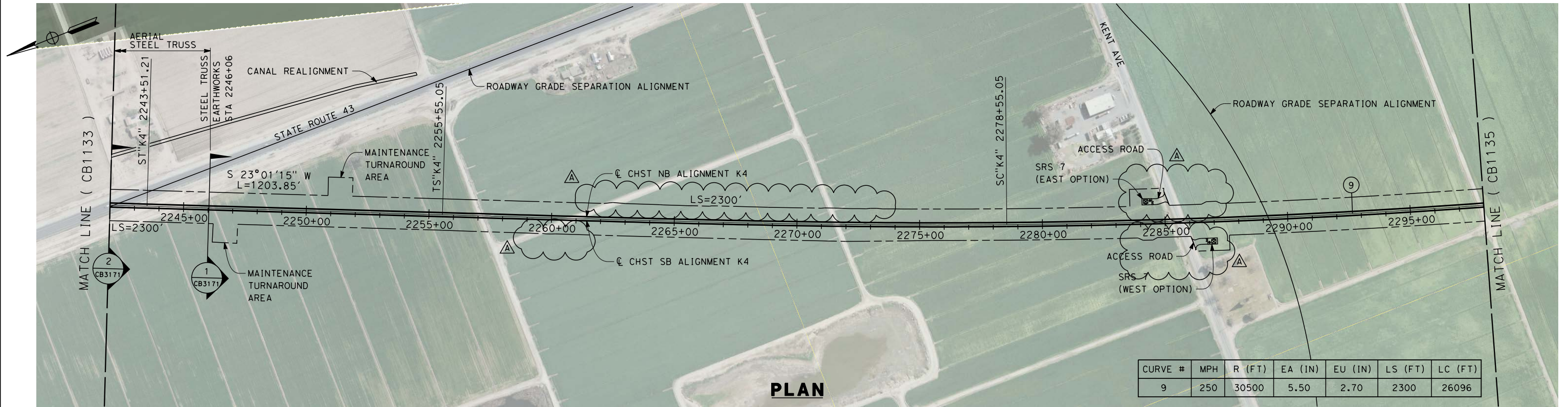
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CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
KAWEAH SUBSECTION
ALIGNMENT K4
STA. 2186+00 TP 2242+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1133-A3
SCALE AS SHOWN
SHEET NO. 4 OF 15

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ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. POLING
DRAWN BY E. TANAKA
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

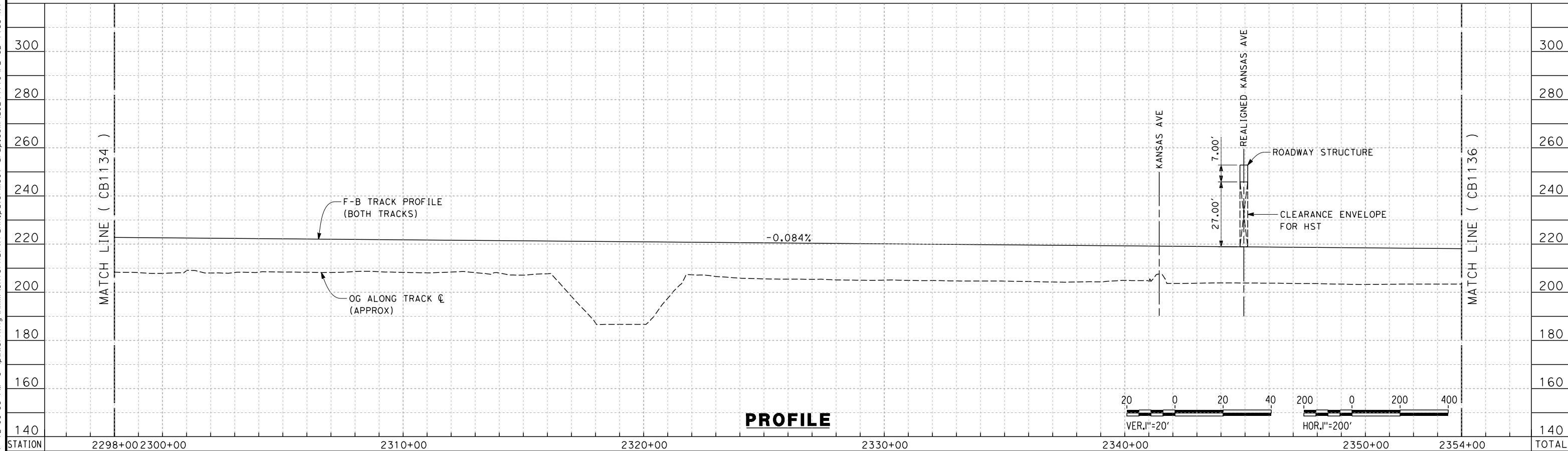
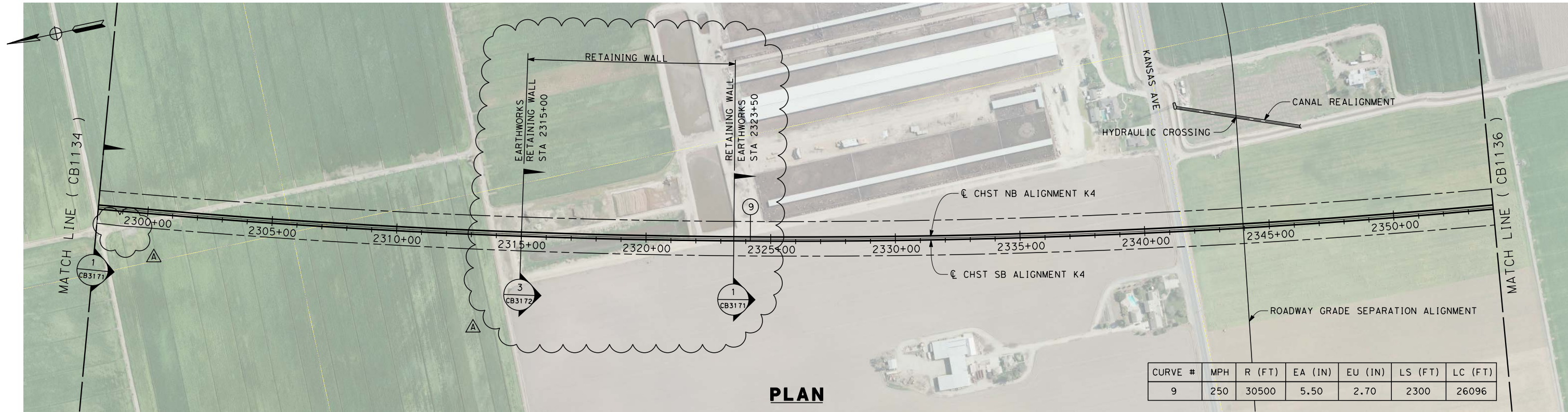


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

KAWEAH SUBSECTION
ALIGNMENT K4
STA. 2242+00 TO 2298+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1134-A3
SCALE AS SHOWN
SHEET NO. 5 OF 15

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ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. POLING
DRAWN BY E. TANAKA
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 03/19/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

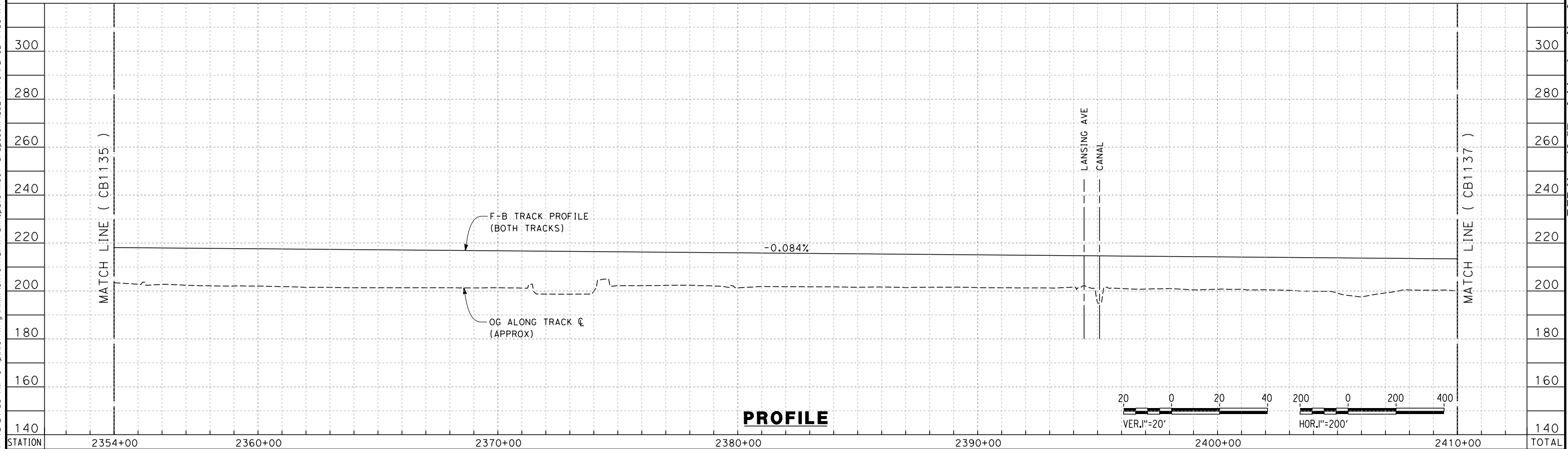
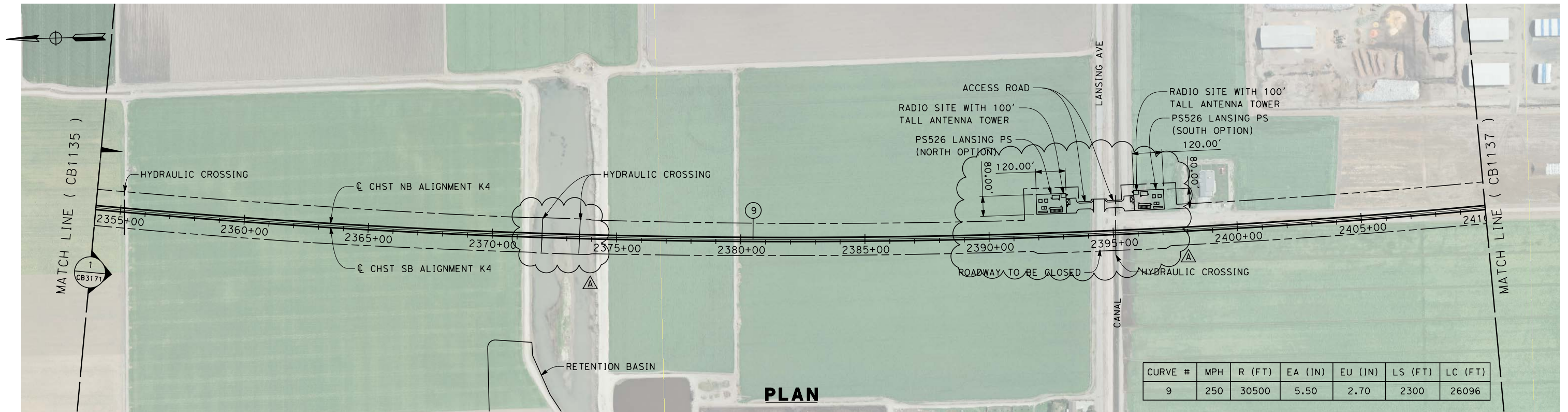


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

KAWEAH SUBSECTION
ALIGNMENT K4
STA. 2298+00 TO 2354+00
PLAN AND PROFILE

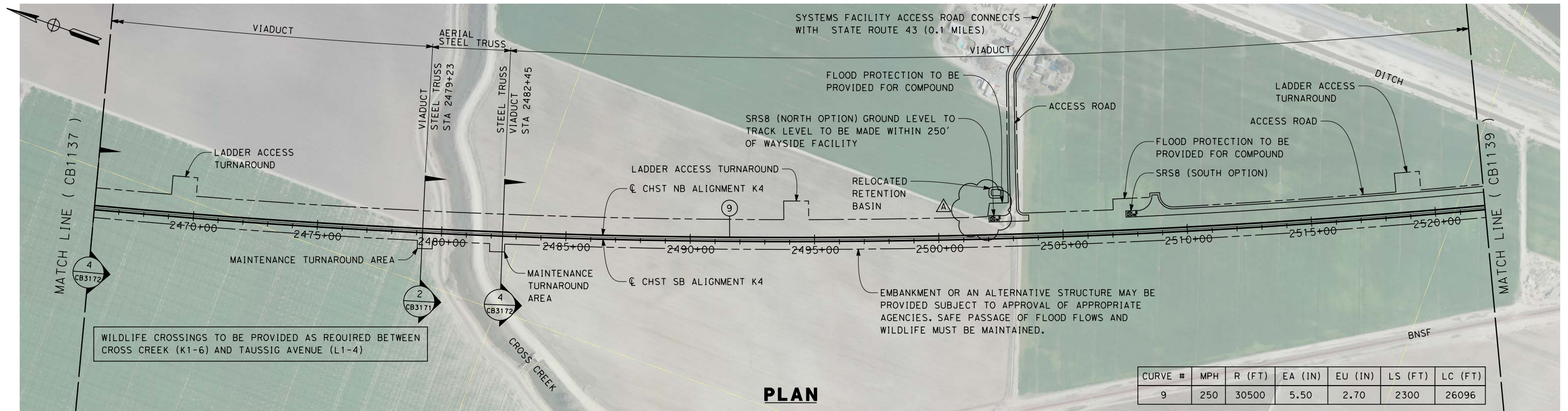
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DRAWING NO. CB1135-A3
SCALE AS SHOWN
SHEET NO. 6 OF 15

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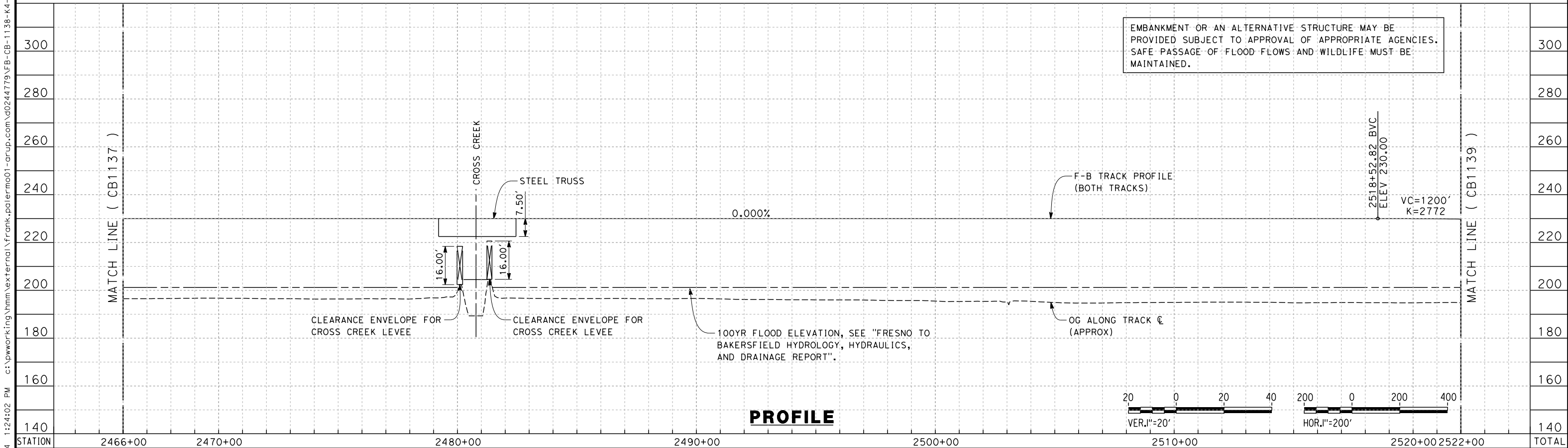
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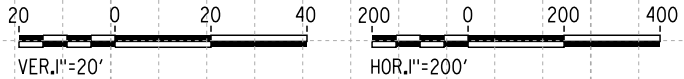


CURVE #	MPH	R (FT)	EA (IN)	EU (IN)	LS (FT)	LC (FT)
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PLAN



PROFILE



CY

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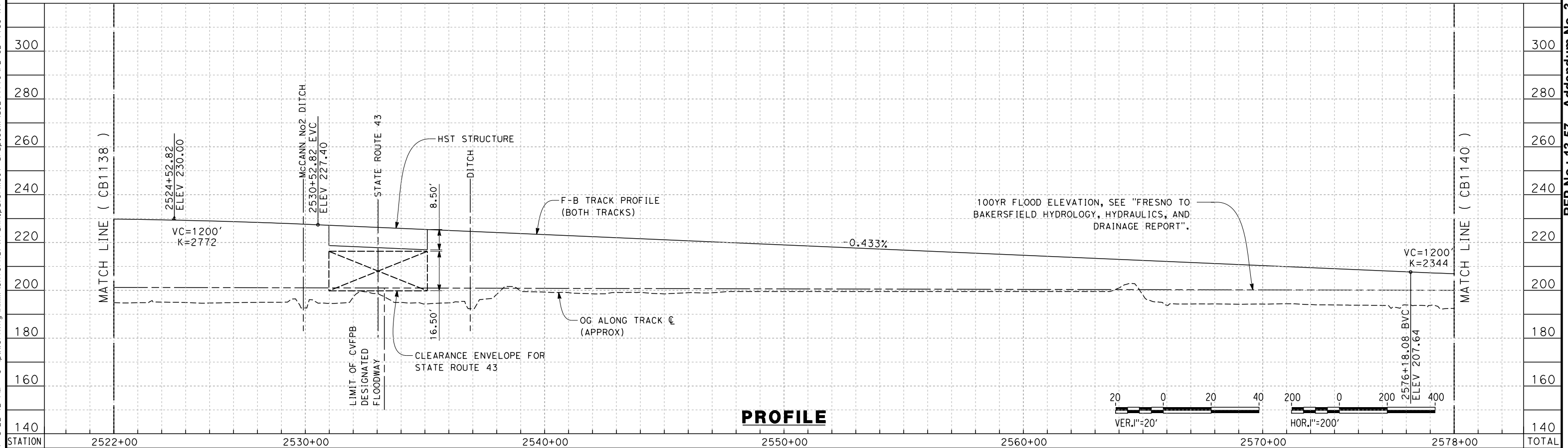
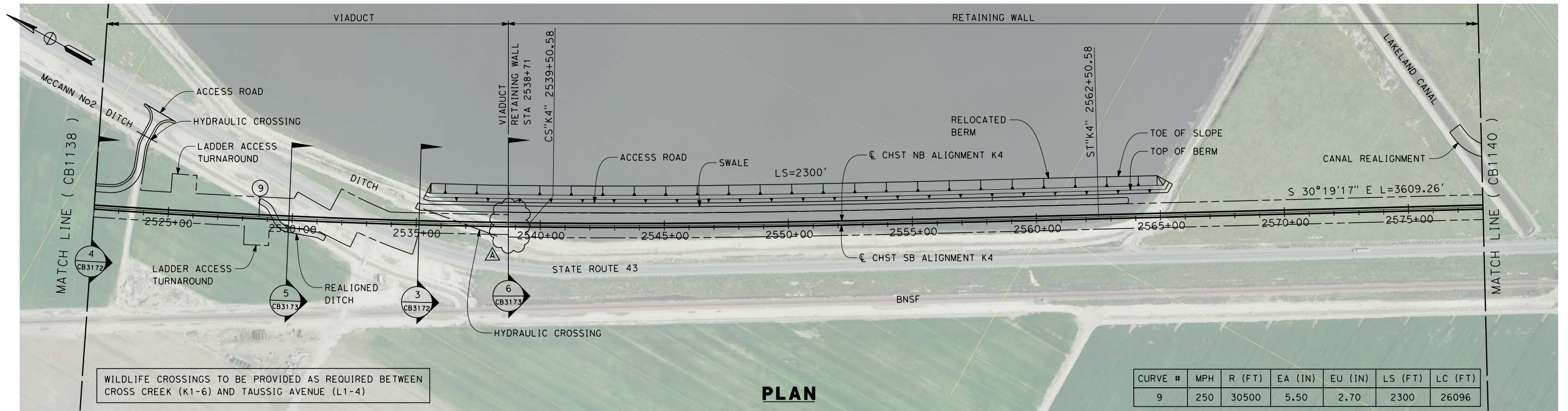
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ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. POLING
DRAWN BY E. TANAKA
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 03/19/14

RECORD SET 15%
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION

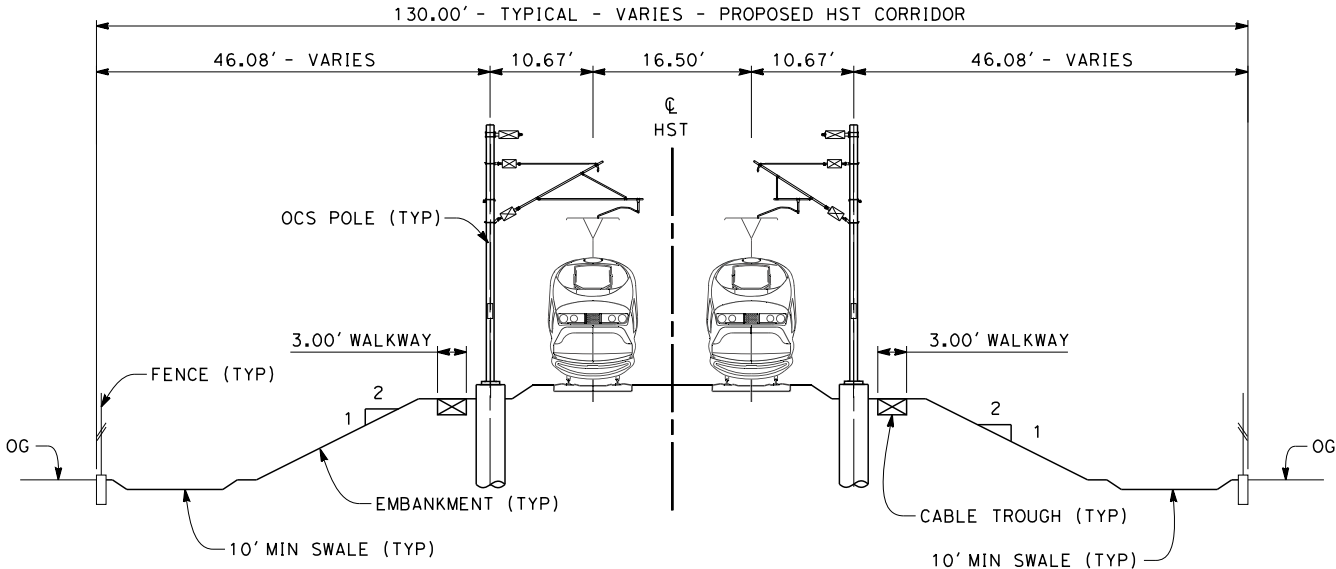


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
KAWEAH SUBSECTION
ALIGNMENT K4
STA. 2522+00 TO 2578+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1139-A3
SCALE AS SHOWN
SHEET NO. 10 OF 15

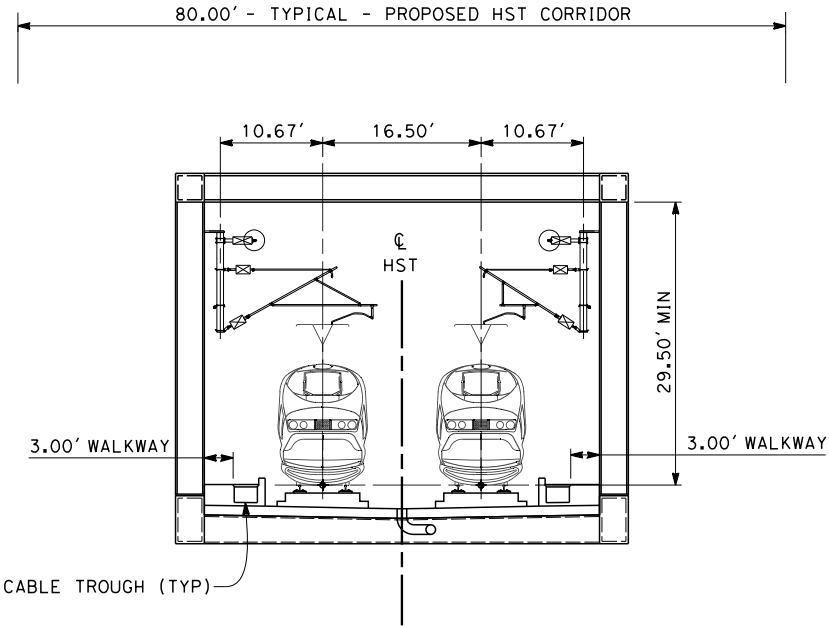
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- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN CURVE DATA TABLES



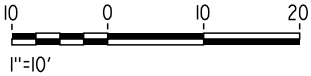
SECTION 1

TWIN TRACK - EMBANKMENT WITH OPEN DRAINAGE
STA 2074+96 THROUGH STA 2240+32
STA 2246+03 THROUGH STA 2315+00
STA 2323+50 THROUGH STA 2436+00



SECTION 2

TWIN TRACK - AERIAL STEEL TRUSS
STA 2240+32 THROUGH STA 2246+03
STA 2479+23 THROUGH STA 2482+45



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY E. TANAKA
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 03/19/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

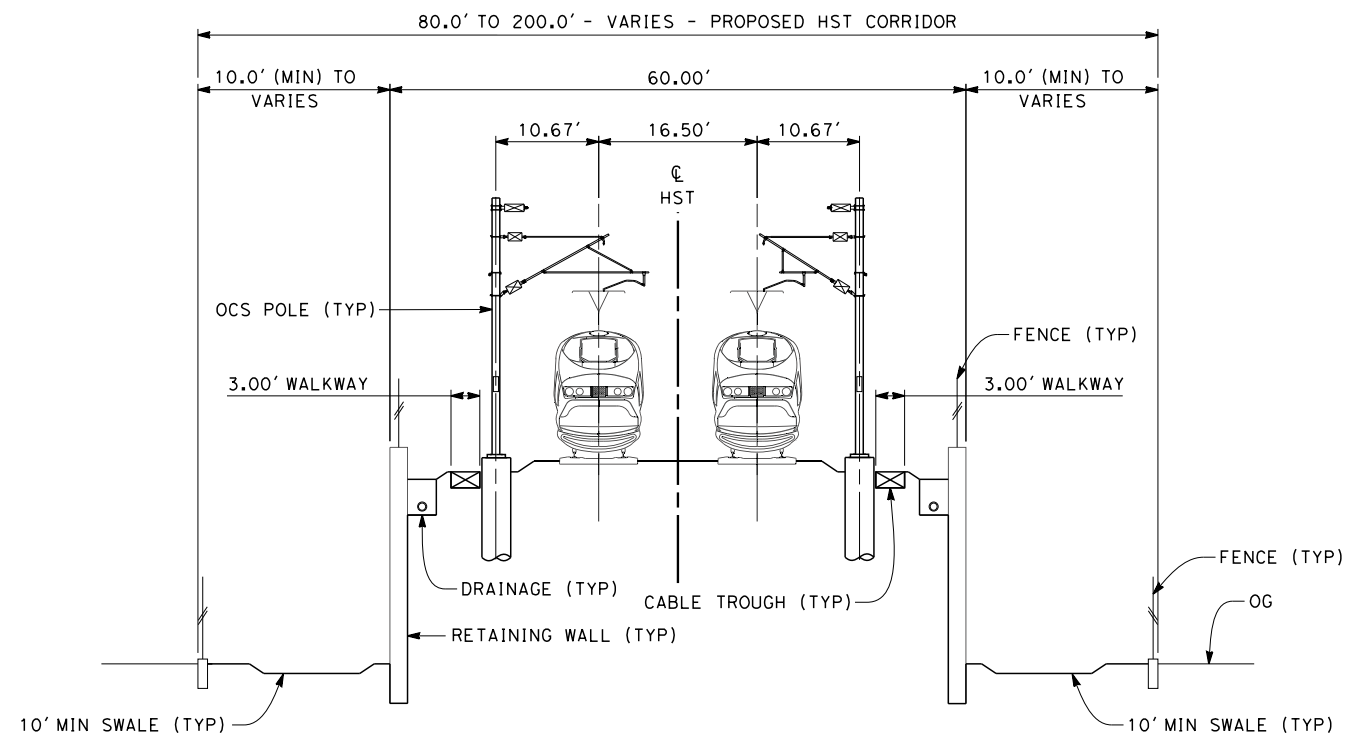


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

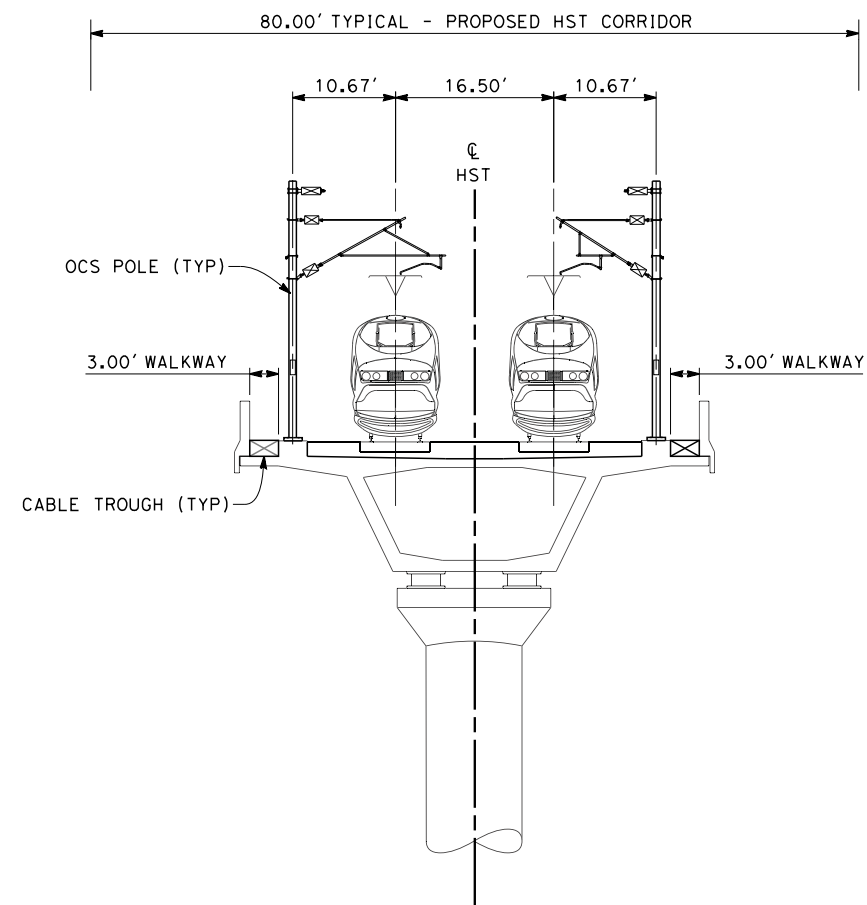
KAWEAH SUBSECTION
ALIGNMENT K4
TYPICAL SECTIONS

CONTRACT NO. HSR 06-0003
DRAWING NO. CB3171-A3
SCALE AS SHOWN
SHEET NO. 12 OF 15

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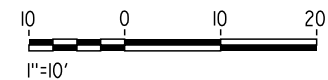
SECTION 3
TWIN TRACK - RETAINED EMBANKMENT WITH OPEN DRAINAGE
STA 2315+00 THROUGH STA 2323+50 (SEE NOTE 4)
STA 2436+00 THROUGH STA 2446+81



SECTION 4
TWIN TRACK - AERIAL VIADUCT
STA 2446+81 THROUGH STA 2479+23
STA 2482+45 THROUGH STA 2529+86
STA 2535+11 THROUGH STA 2538+71

NOTES:

1. TRACKFORM SHOWN IS INDICATIVE
2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN CURVE DATA TABLES
4. LEFT SIDE IS RETAINED EMBANKMENT WITH OPEN DRAINAGE FROM STA 2315+00 THROUGH 2319+00 AND RIGHT SIDE IS EMBANKMENT WITH OPEN DRAINAGE FROM STA 2315+00 THROUGH 2318+50. RIGHT SIDE IS RETAINED EMBANKMENT WITH OPEN DRAINAGE FROM STA 2318+50 THROUGH 2323+50 AND LEFT SIDE IS EMBANKMENT WITH OPEN DRAINAGE FROM 2319+50 THROUGH 2323+50.



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY E. TANAKA
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 03/19/14

**RECORD SET 15%
DESIGN SUBMISSION**

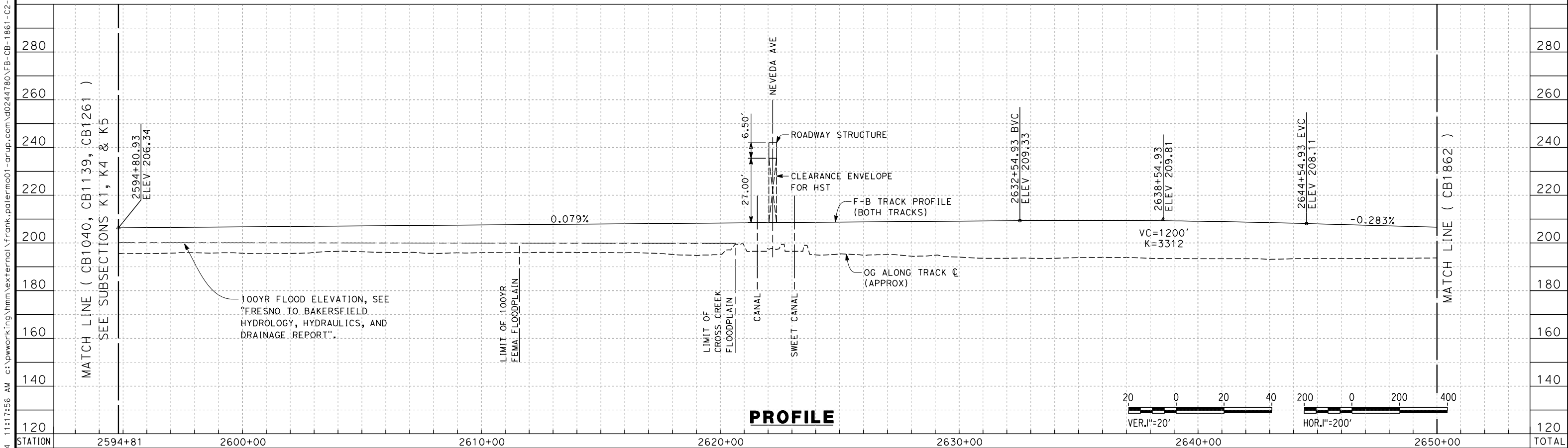
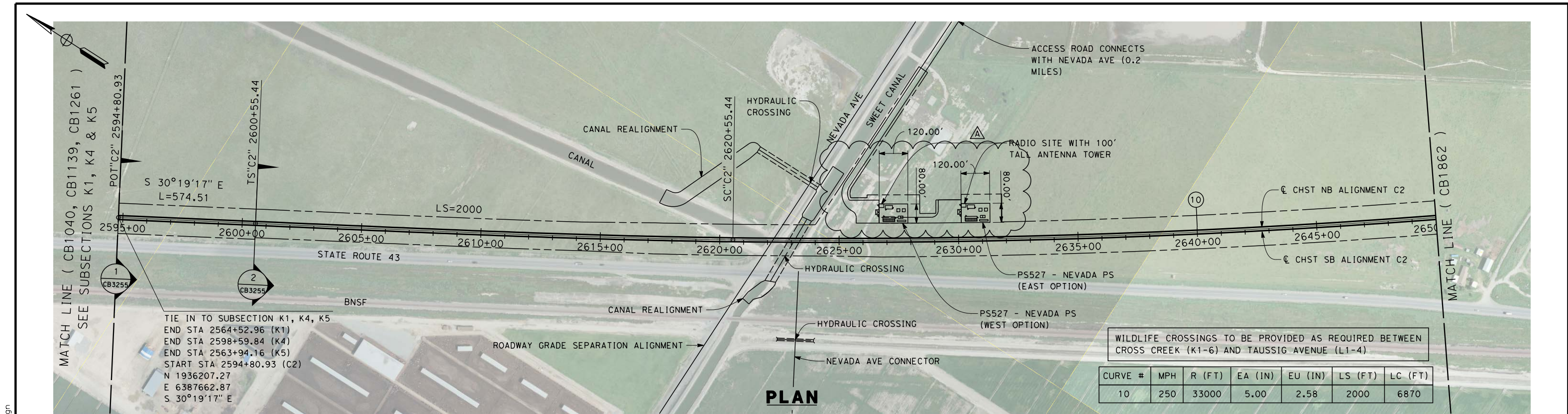
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
KAWEAH SUBSECTION
ALIGNMENT K4
TYPICAL SECTIONS

CONTRACT NO. HSR 06-0003
DRAWING NO. CB3172-A3
SCALE AS SHOWN
SHEET NO. 13 OF 15

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REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY
S. LITSAS
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
05/23/14

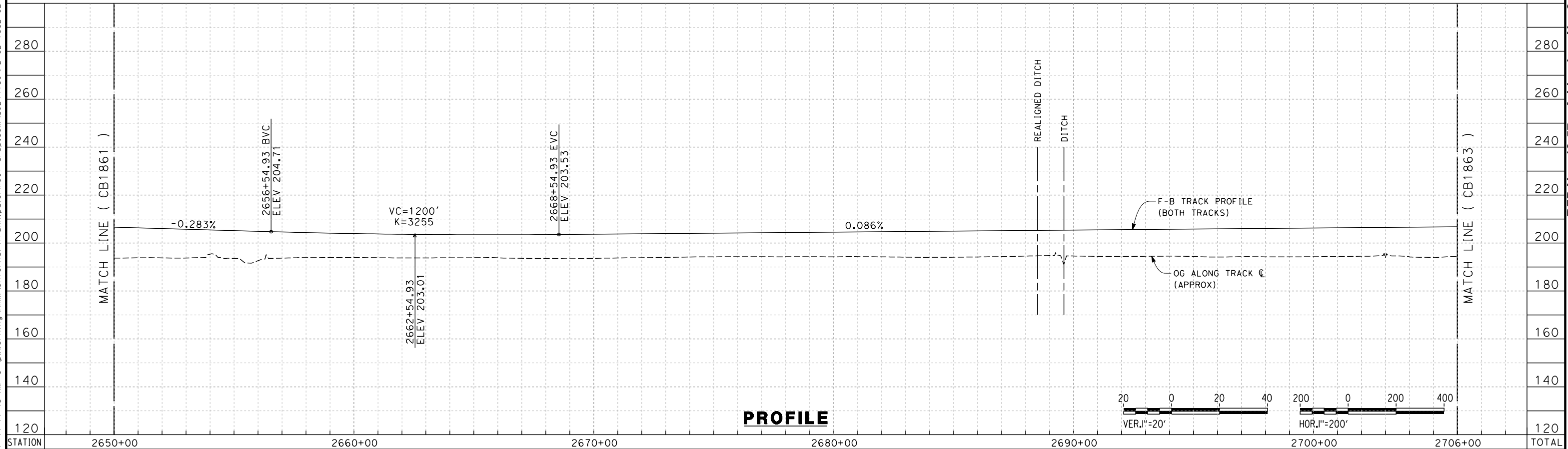
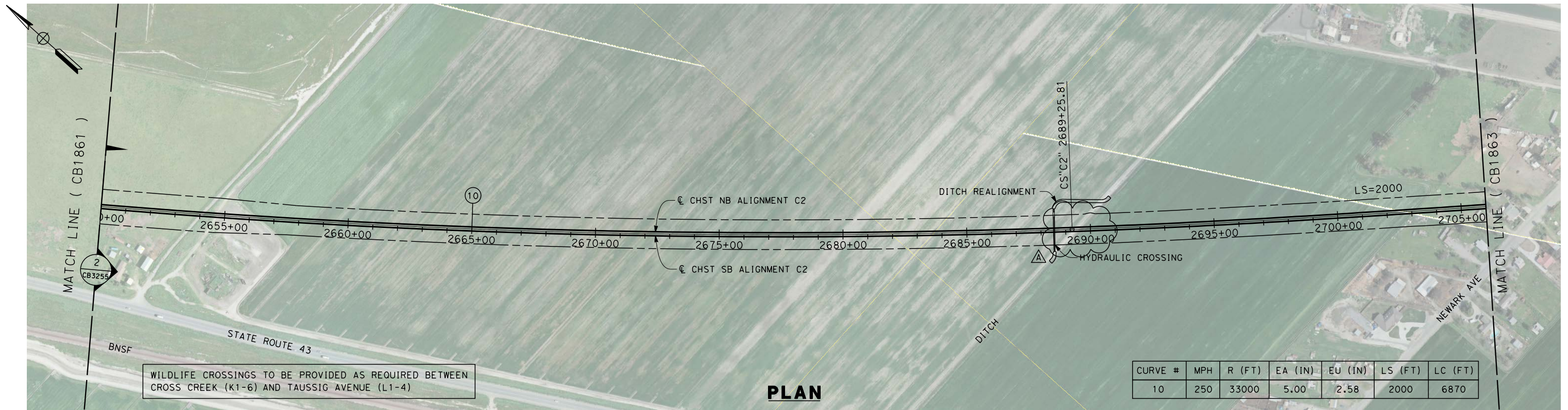
RECORD SET 15%
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORORAN BYPASS SUBSECTION
ALIGNMENT C2
STA 2594+81 TO 2650+00
PLAN AND PROFILE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	CB1861-A3
SCALE	AS SHOWN
SHEET NO.	2 OF 16

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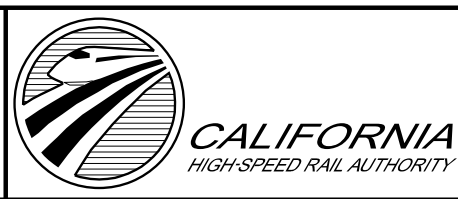
ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY S. LITSAS
DRAWN BY P. TONKIN
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 03/19/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

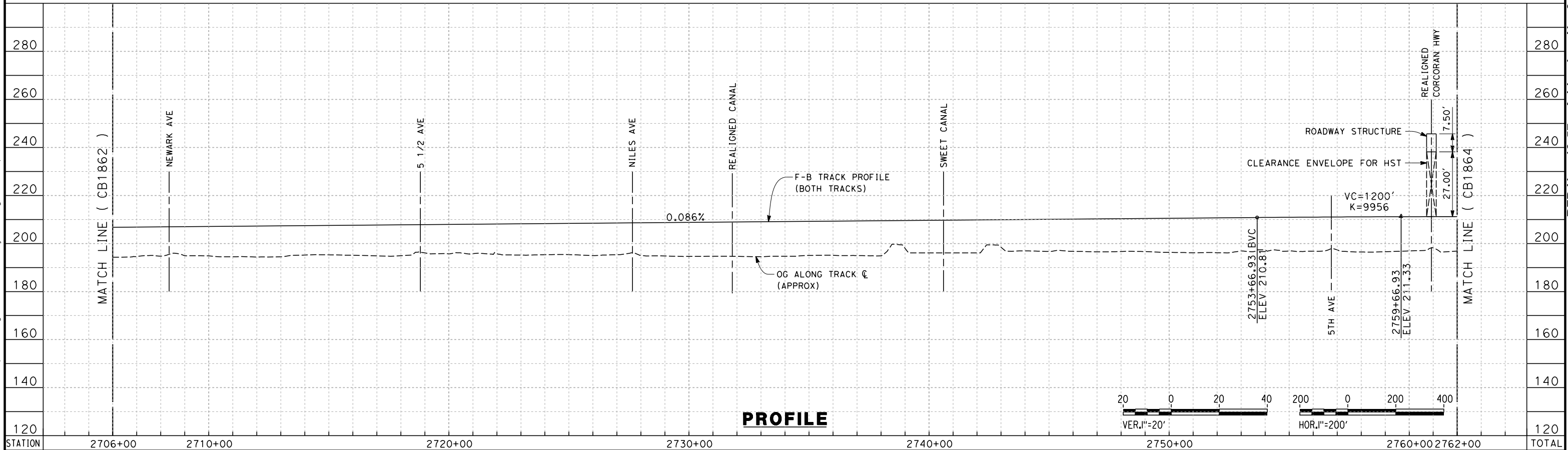
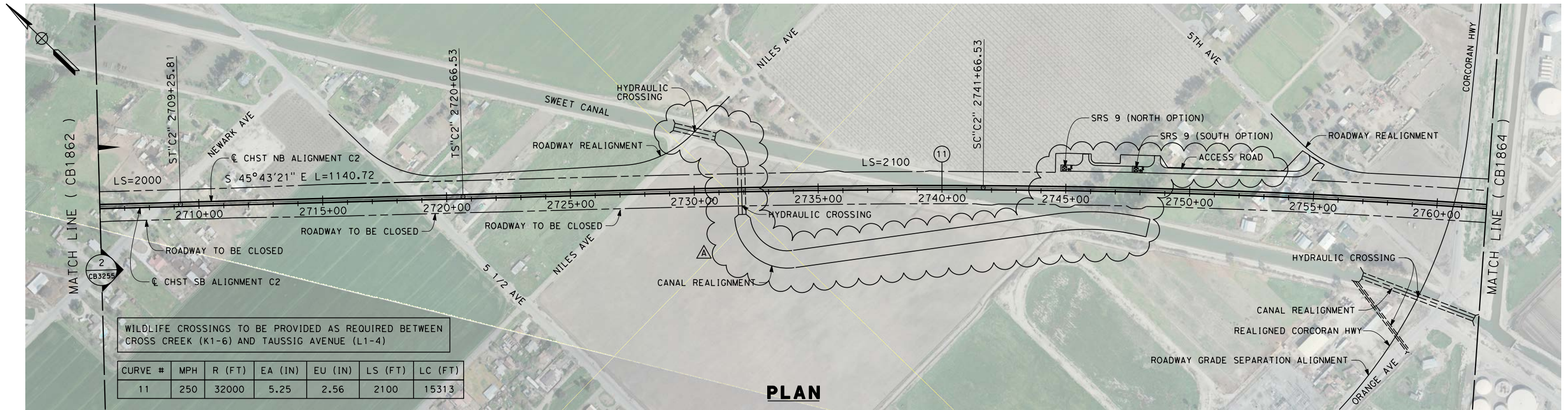


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**



CORCORAN BYAPSS SUBSECTION
ALIGNMENT C2
STA 2650+00 TO 2706+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1862-A3
SCALE AS SHOWN
SHEET NO. 3 OF 16

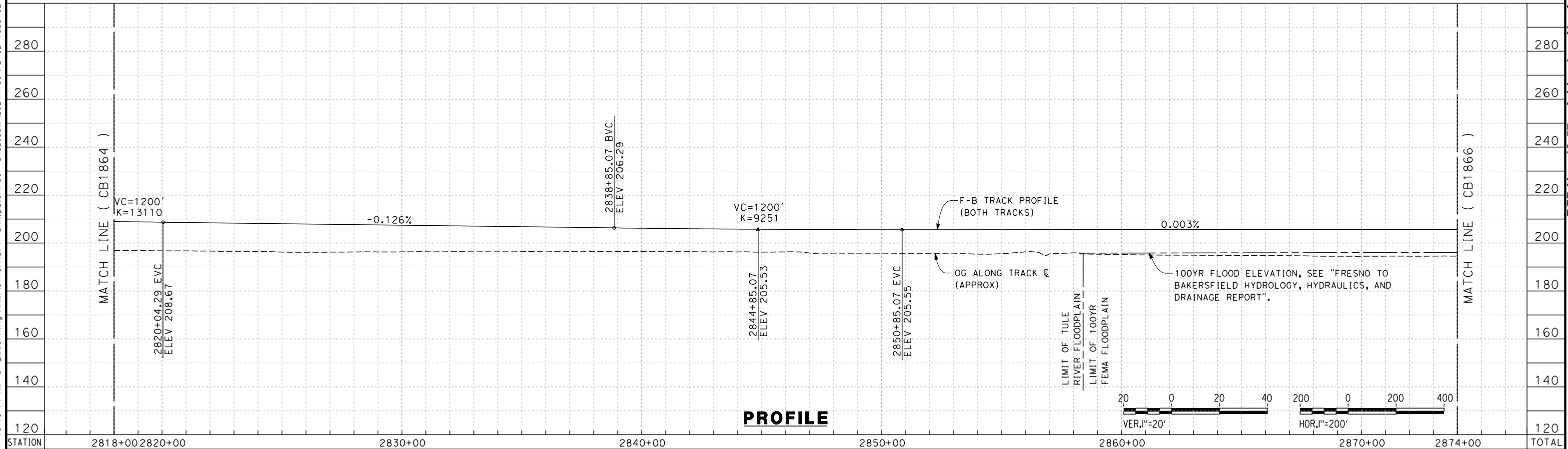
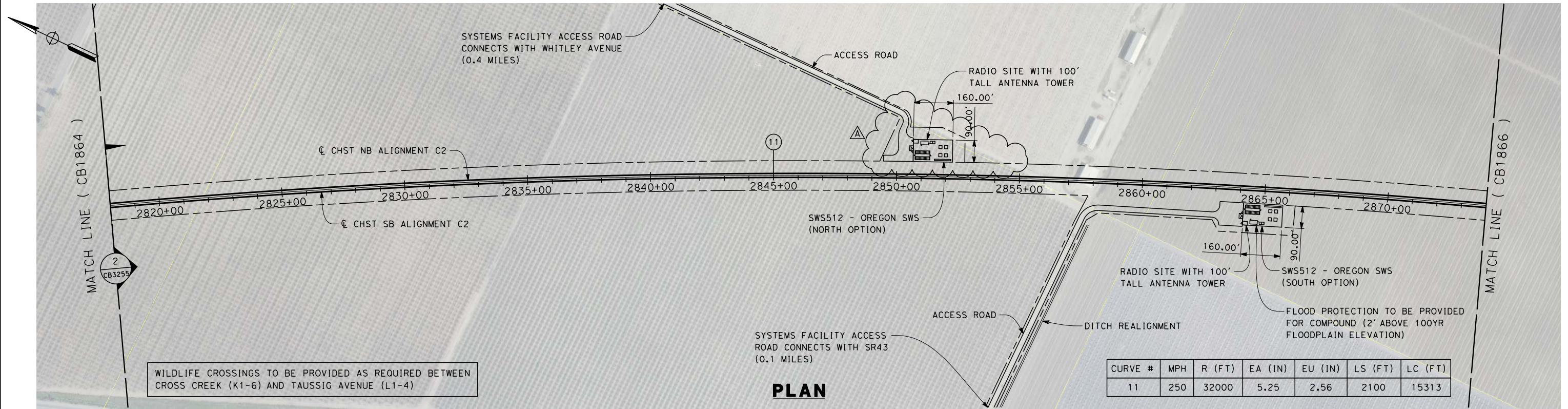
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STATION		2706+00	2710+00	2720+00	2730+00	2740+00	2750+00	2760+00	2762+00	TOTAL
CY	Exc									
	Emb									

					DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 STA 2706+00 TO 2762+00 PLAN AND PROFILE		CONTRACT NO. HSR 06-0003
					DRAWN BY P. TONKIN					DRAWING NO. CB1863-A3
					CHECKED BY K. SEYMOUR					SCALE AS SHOWN
					IN CHARGE R. COFFIN					SHEET NO. 4 OF 16
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3	DATE 05/23/14				
REV	DATE	BY	CHK	APP	DESCRIPTION					

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ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. LITSAS
DRAWN BY P. TONKIN
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

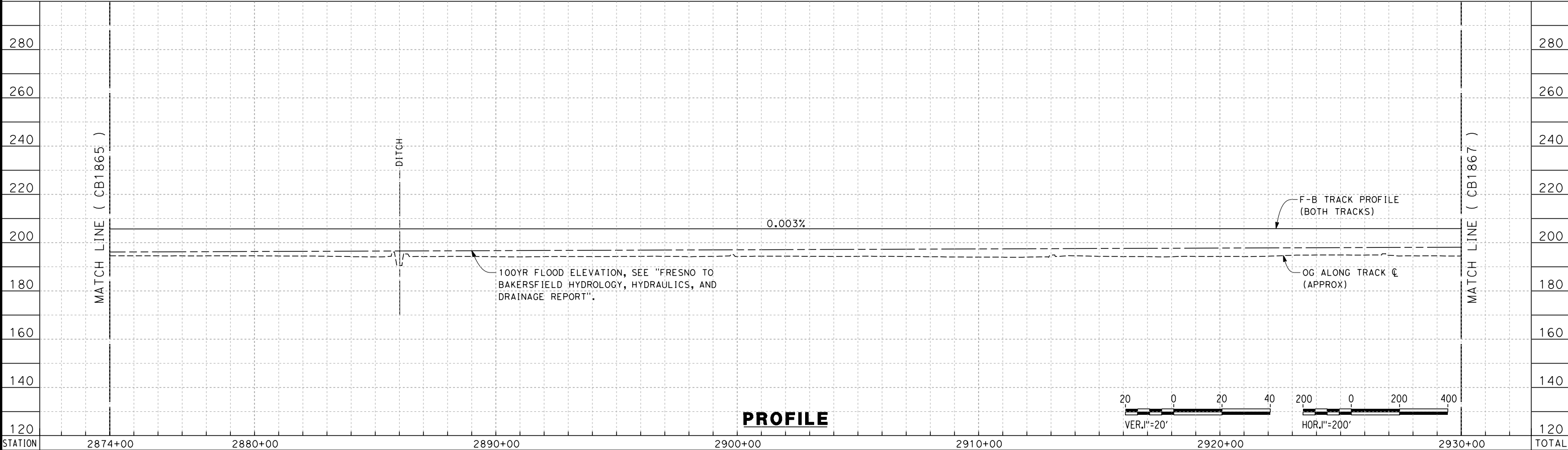
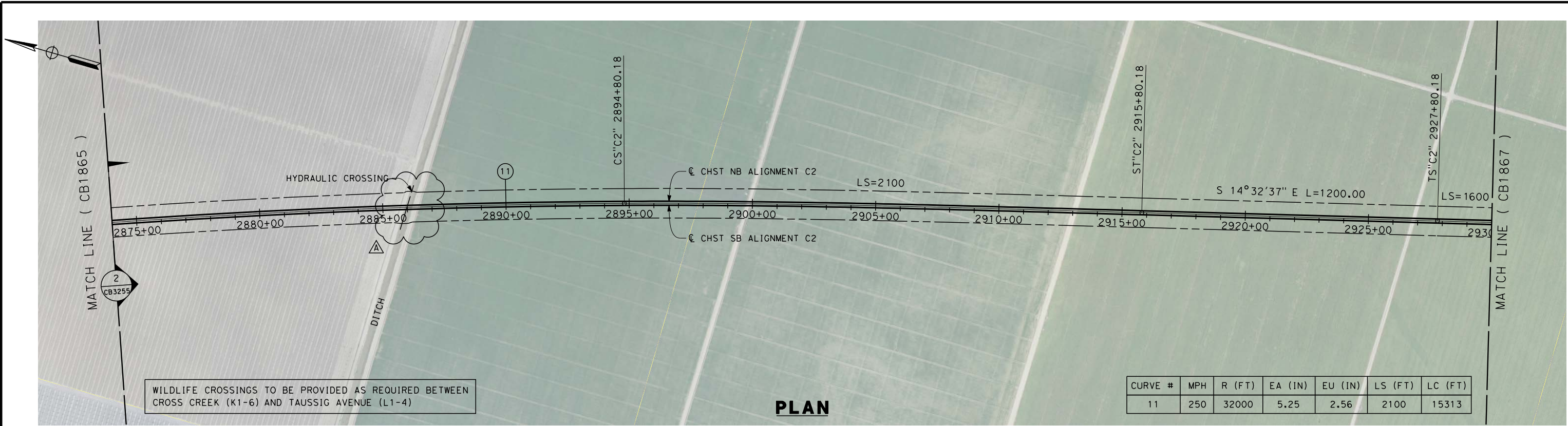
NOT FOR
CONSTRUCTION





**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STA 2818+00 TO 2874+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1865-A3
SCALE AS SHOWN
SHEET NO. 6 OF 16

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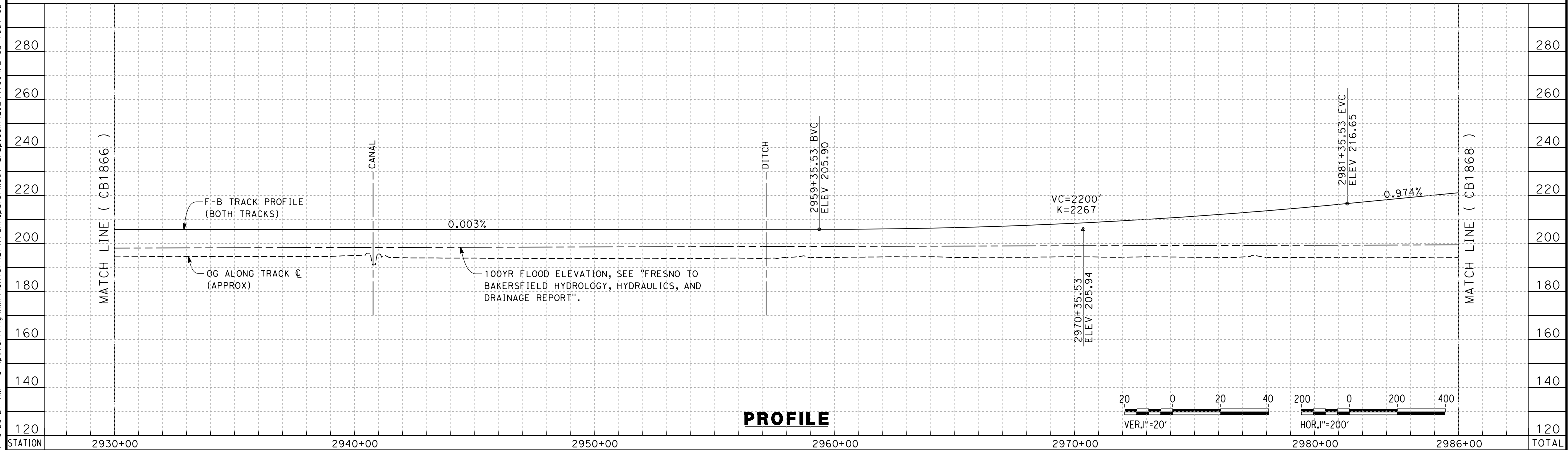
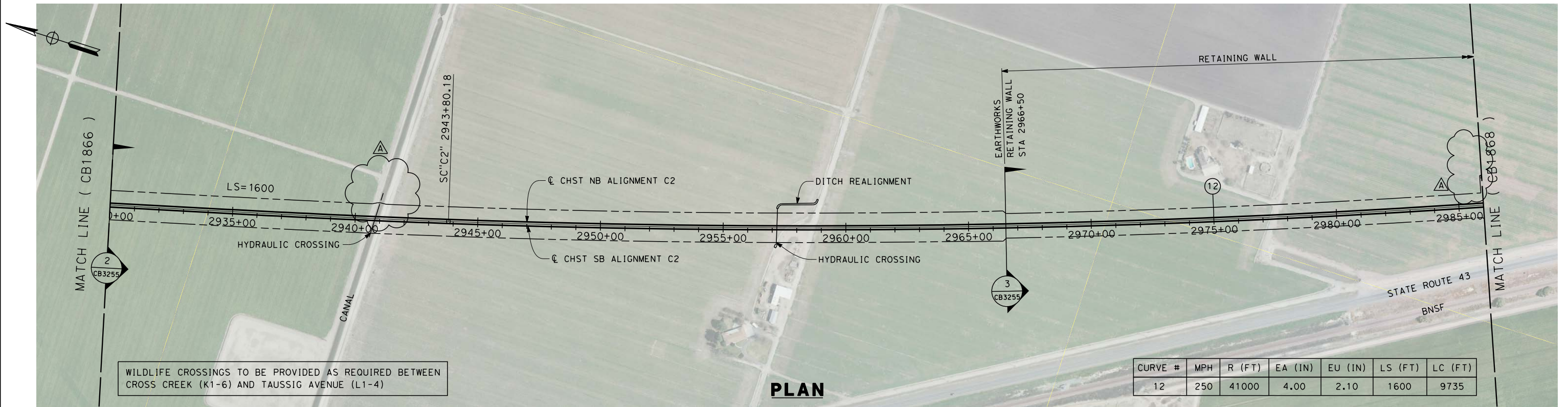
REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3

DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 STA 2874+00 TO 2930+00 PLAN AND PROFILE
DRAWN BY P. TONKIN			
CHECKED BY K. SEYMOUR			
IN CHARGE R. COFFIN			
DATE 03/19/14			

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1866-A3
SCALE AS SHOWN
SHEET NO. 7 OF 16

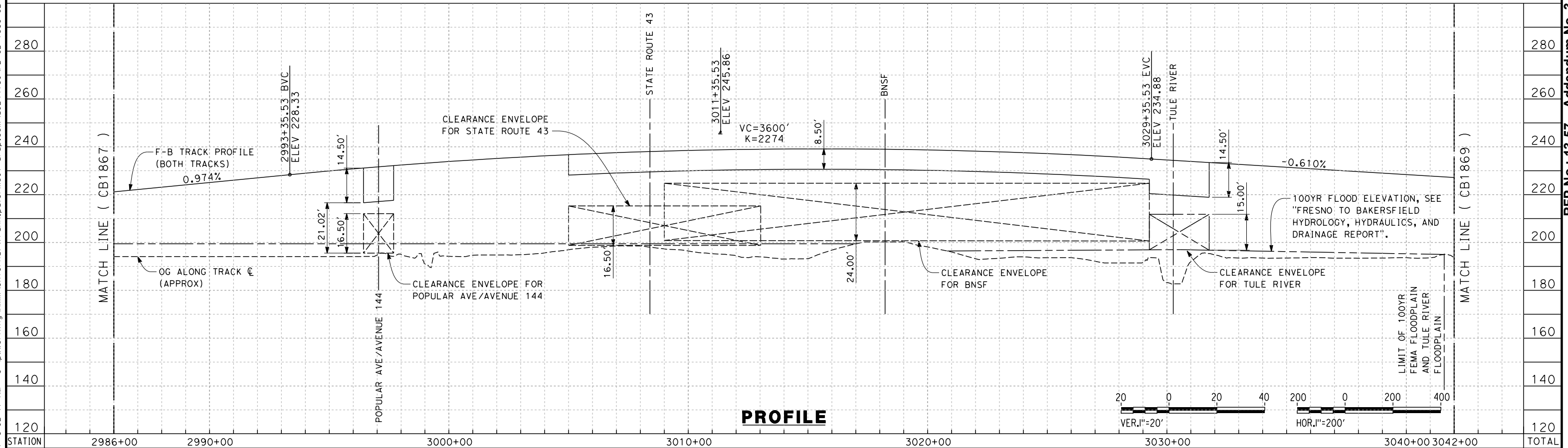
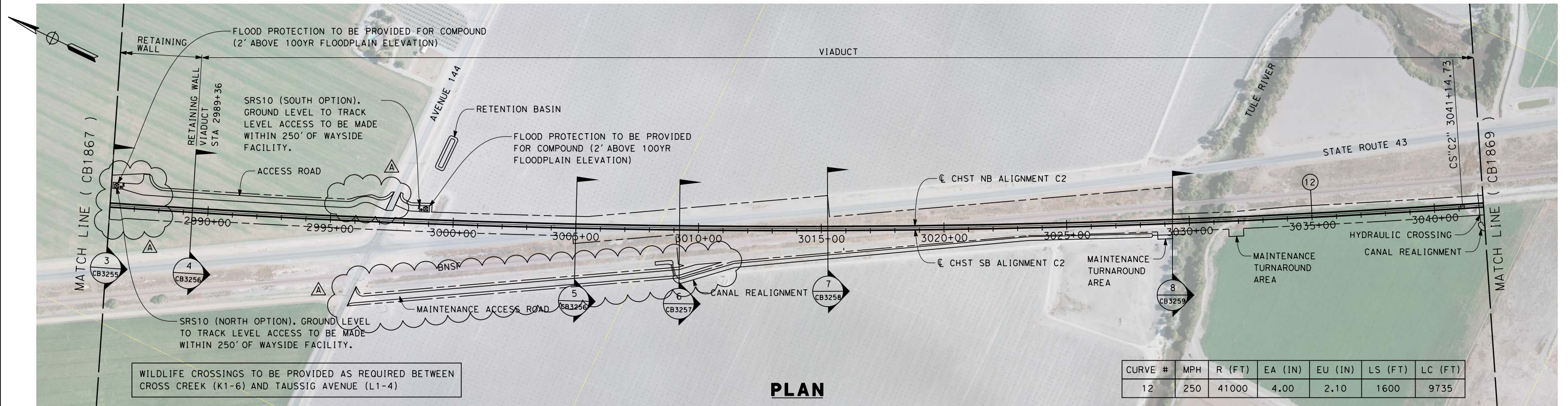
ADDENDUM 3 - RFP HSR 13-57

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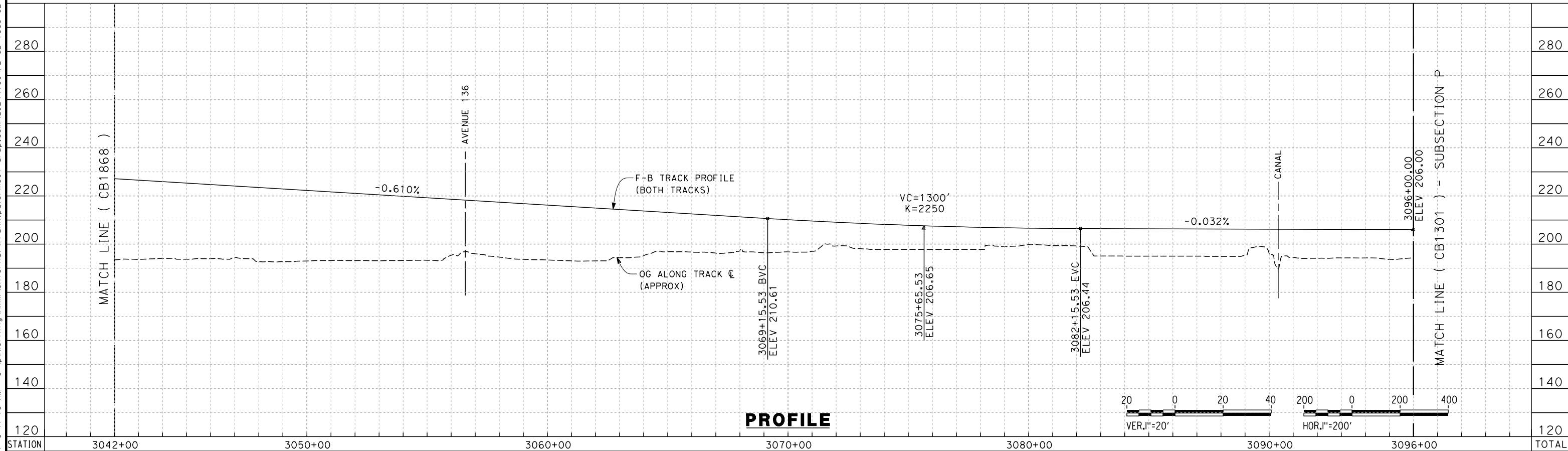
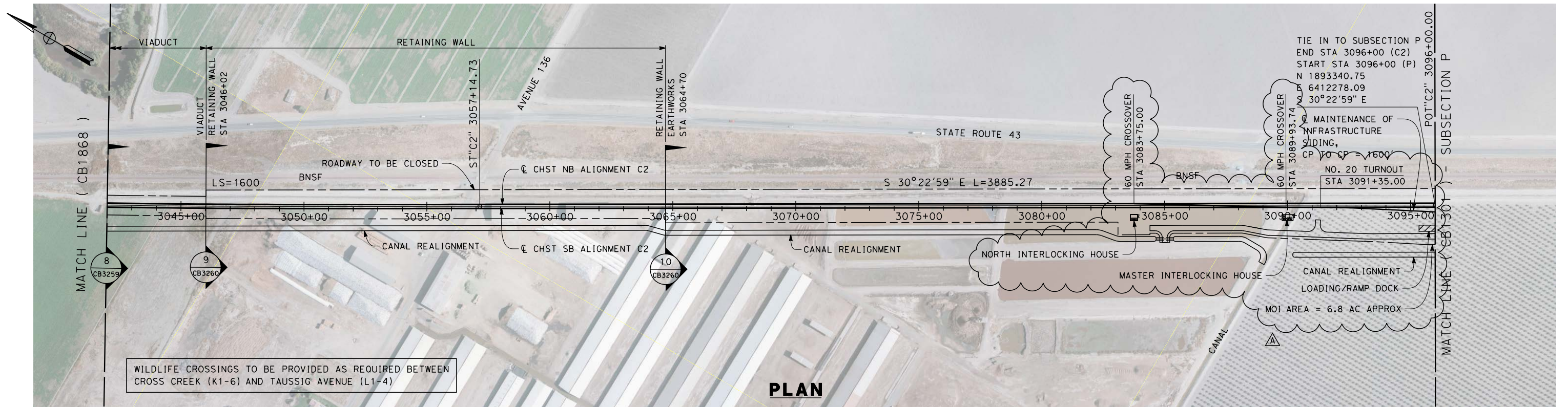
CY	Exc											ADDENDUM 3 - RFP HSR 13-57																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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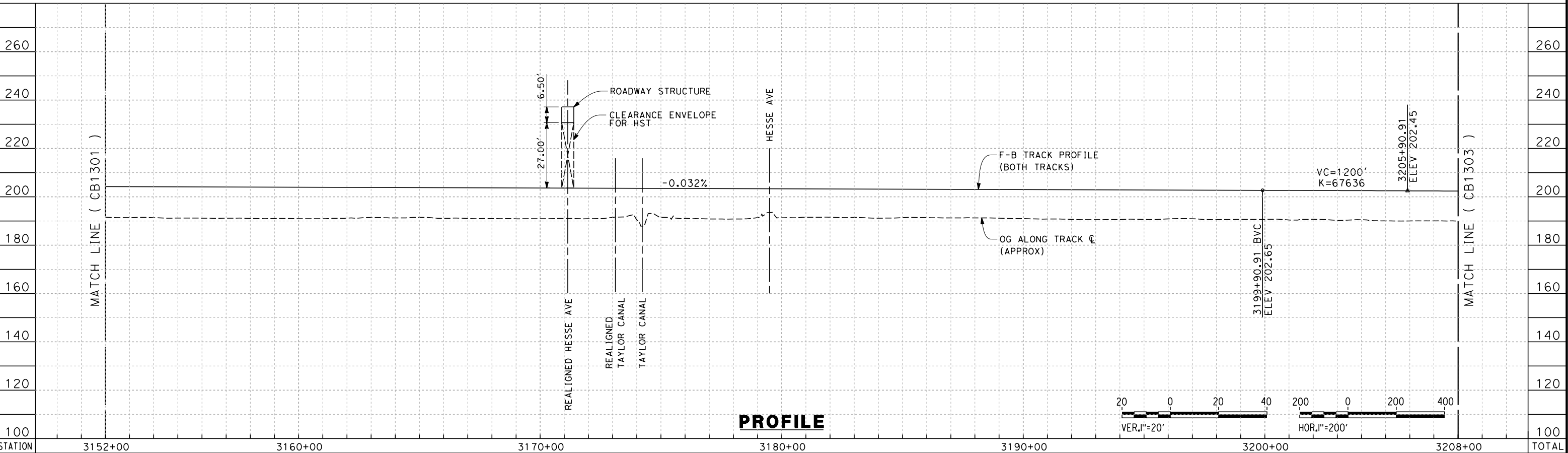
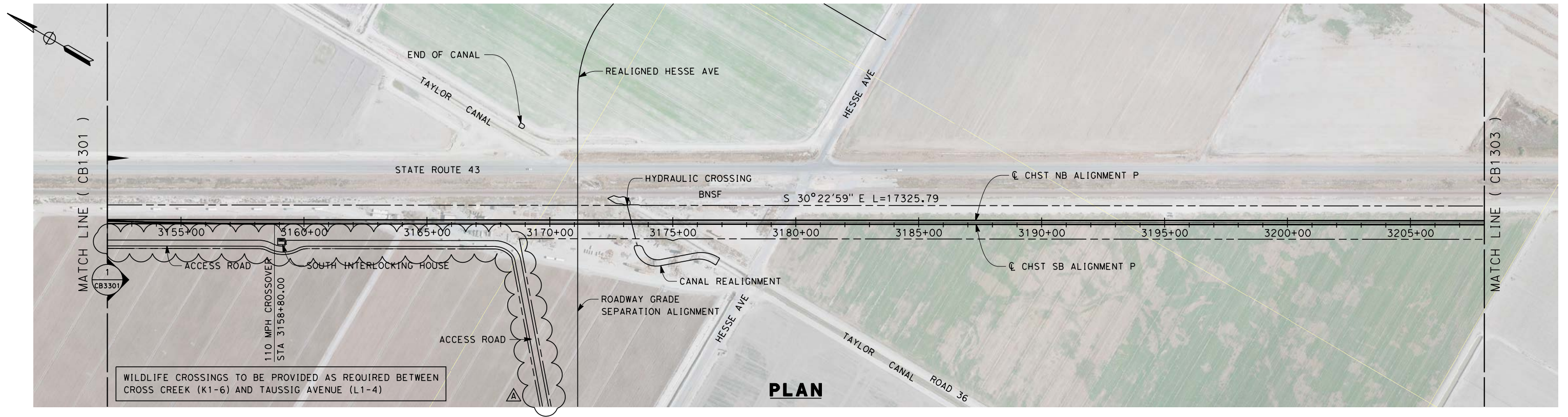
CY						ADDENDUM 3 - RFP HSR 13-57									
Exc						DESIGNED BY S. LITSAS									
Emb						DRAWN BY P. TONKIN									
						CHECKED BY K. SEYMOUR									
						IN CHARGE R. COFFIN									
						DATE 05/23/14									
A	2014/06	PT	KS	SB		REVISD FOR ADDENDUM 3									
REV	DATE	BY	CHK	APP		DESCRIPTION									
						RECORD SET 15% DESIGN SUBMISSION									
						NOT FOR CONSTRUCTION									
						URS HMM ARUP									
						CALIFORNIA HIGH-SPEED RAIL AUTHORITY									
						CALIFORNIA HIGH-SPEED TRAIN									
						CONTRACT NO. HSR 06-0003									
						DRAWING NO. CB1868-A3									
						SCALE AS SHOWN									
						SHEET NO. 9 OF 16									
						CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 STA 2986+00 TO 3042+00 PLAN AND PROFILE									

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CY	Exc											ADDENDUM 3 - RFP HSR 13-57																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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STATION	3152+00	3160+00	3170+00	3180+00	3190+00	3200+00	3208+00	TOTAL
CY	Exc							
	Emb							

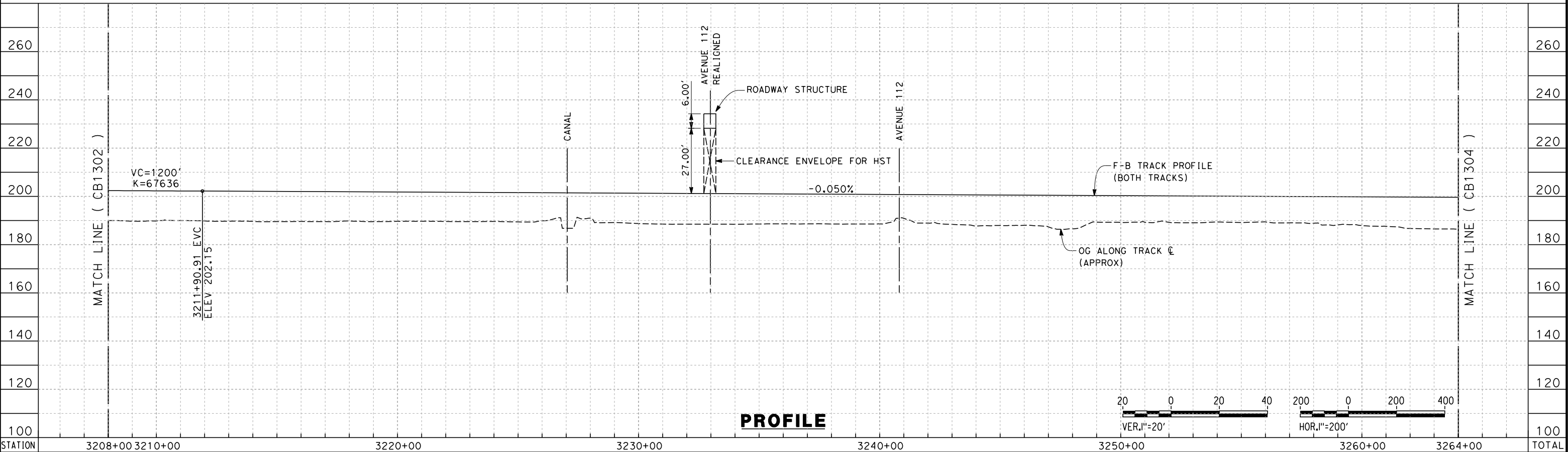
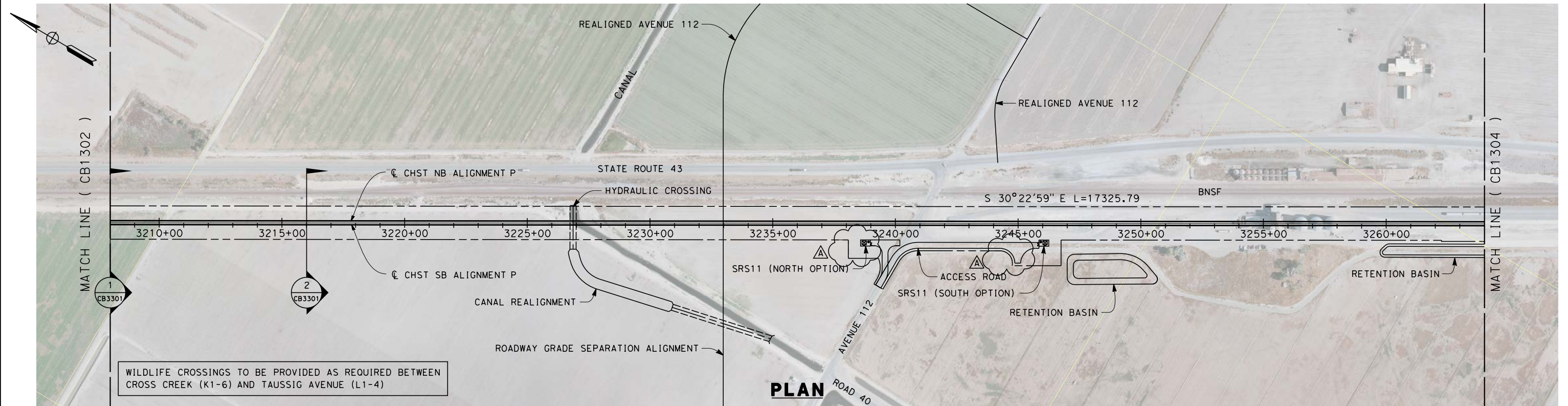
DESIGNED BY	S. LITSAS
DRAWN BY	J. BORGHESI
CHECKED BY	K. SEYMOUR
IN CHARGE	R. COFFIN
DATE	05/23/14

RECORD SET 15% DESIGN SUBMISSION
NOT FOR CONSTRUCTION

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
PIXLEY SUBSECTION
ALIGNMENT P
STA. 3152+00 TO 3208+00
PLAN AND PROFILE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	CB1302-A3
SCALE	AS SHOWN
SHEET NO.	3 OF 9

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STATION					3208+00	3210+00		3220+00		3230+00		3240+00		3250+00		3260+00	3264+00	TOTAL
CY	Exc																	
	Emb																	

DESIGNED BY	S. LITSAS
DRAWN BY	J. BORGHESI
CHECKED BY	K. SEYMOUR
IN CHARGE	R. COFFIN
DATE	05/23/14

RECORD SET 15% DESIGN SUBMISSION	
NOT FOR CONSTRUCTION	

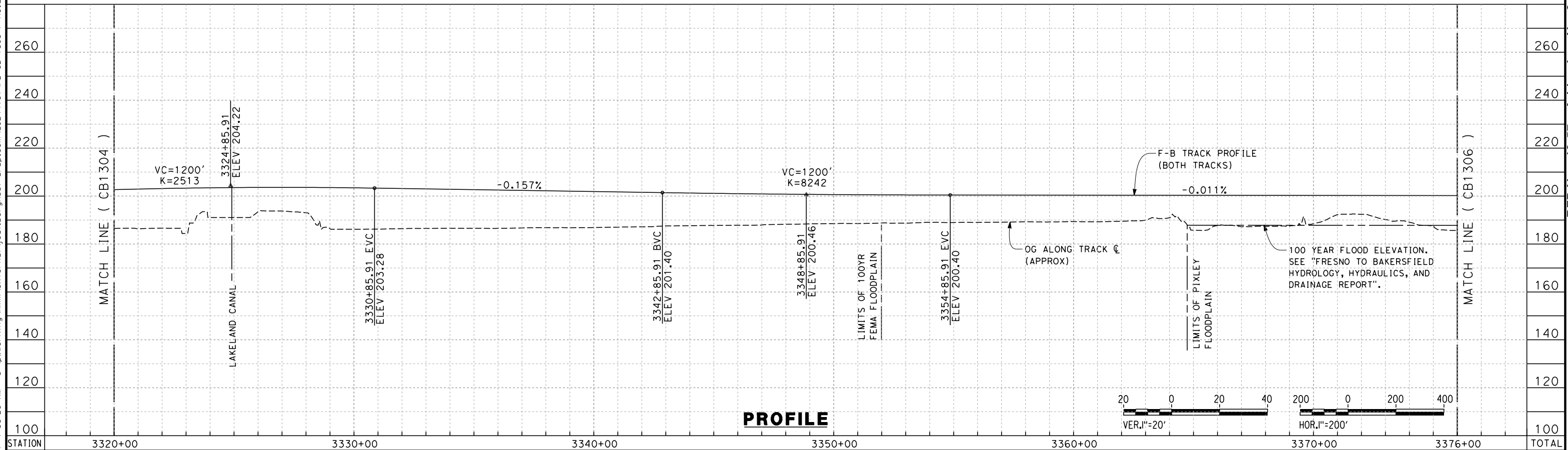
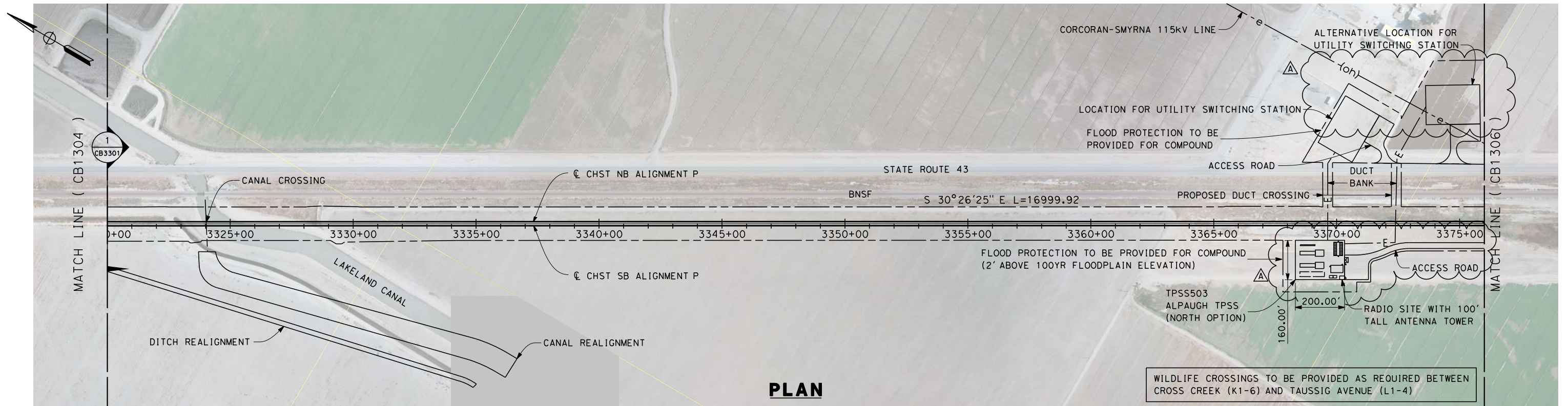
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REV	DATE	BY	CHK	APP	DESCRIPTION

CONTRACT NO.		HSR 06-0003
DRAWING NO.		CB1303-A3
SCALE		AS SHOWN
SHEET NO.		4 OF 9

ADDENDUM 3 - RFP HSR 13-57
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
PIXLEY SUBSECTION
ALIGNMENT P
STA. 3208+00 TO 3264+00
PLAN AND PROFILE

RFP No.: 13-57 - Addendum No. 3 - 07/31/2014

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STATION					3320+00	3330+00	3340+00	3350+00	3360+00	3370+00	3376+00	TOTAL
CY	Exc											
	Emb											

A	2017/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. LITSAS
DRAWN BY J. BORGHESI
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

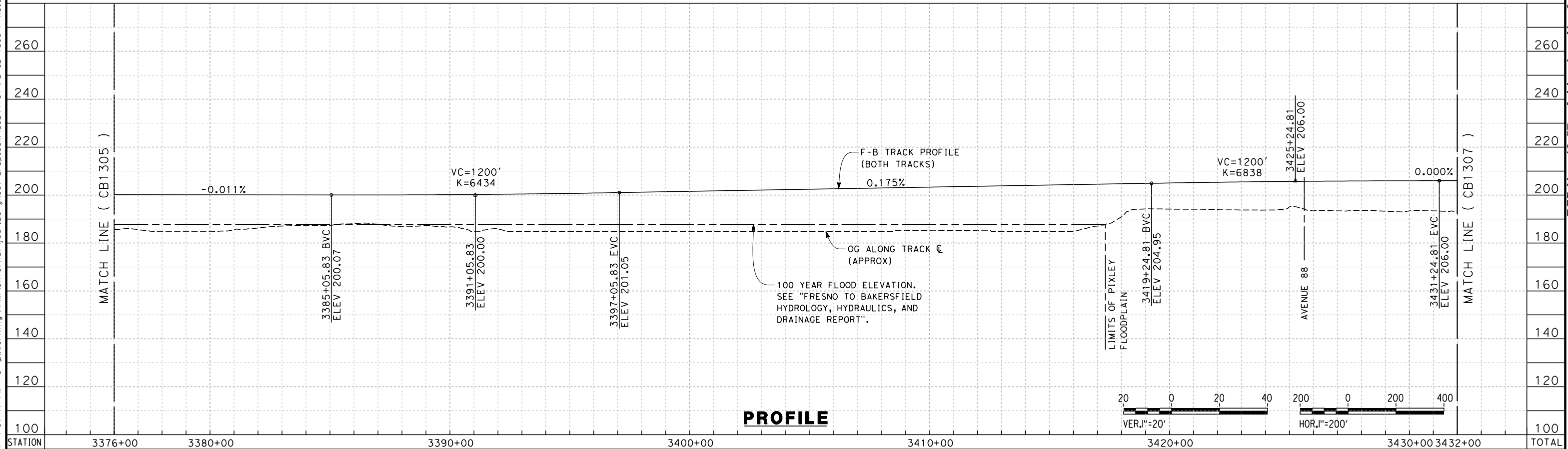
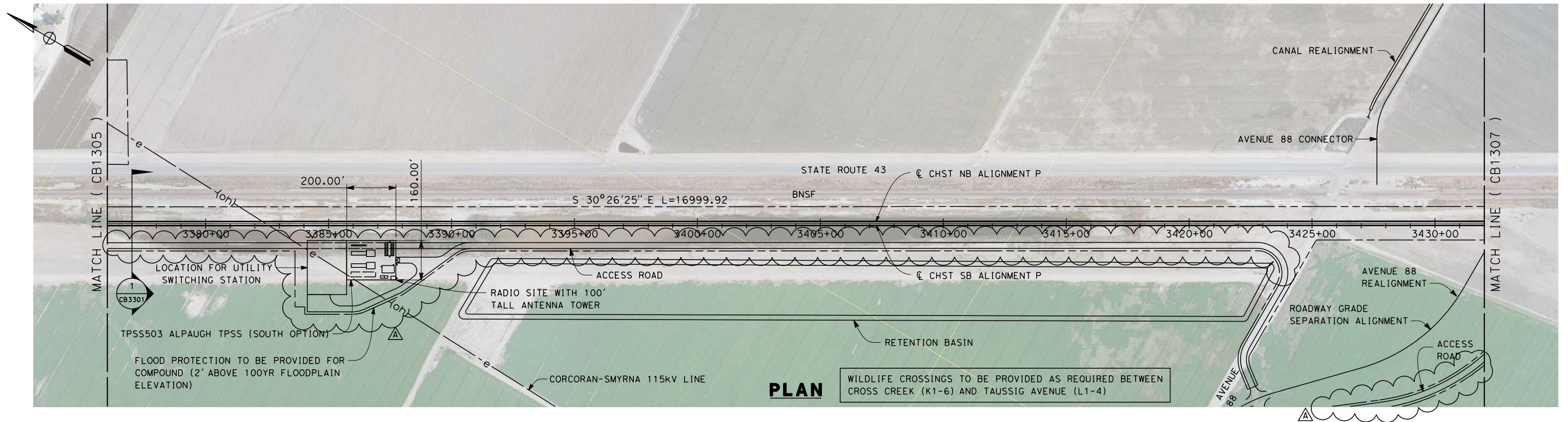
**NOT FOR
CONSTRUCTION**

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

PIXLEY SUBSTATION
ALIGNMENT P
STA. 3320+00 TP 3376+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1305-A3
SCALE AS SHOWN
SHEET NO. 6 OF 9

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REVISIONS						DESIGNER		SUBMITTER		PROJECT INFORMATION		DRAWING INFORMATION	
REV	DATE	BY	CHK	APP	DESCRIPTION	DESIGNED BY	DRAWN BY	CHECKED BY	IN CHARGE	DATE	PROJECT NAME	DRAWING NO.	SHEET NO.
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3	S. LITSAS	J. BORGHESI	K. SEYMOUR	R. COFFIN	05/23/14	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CB1306-A3	7 OF 9

ADDENDUM 3 - RFP HSR 13-57

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD

PIXLEY SUBSECTION
ALIGNMENT P
STA. 3376+00 TO 3432+00
PLAN AND PROFILE

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

URS | HMM | ARUP

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

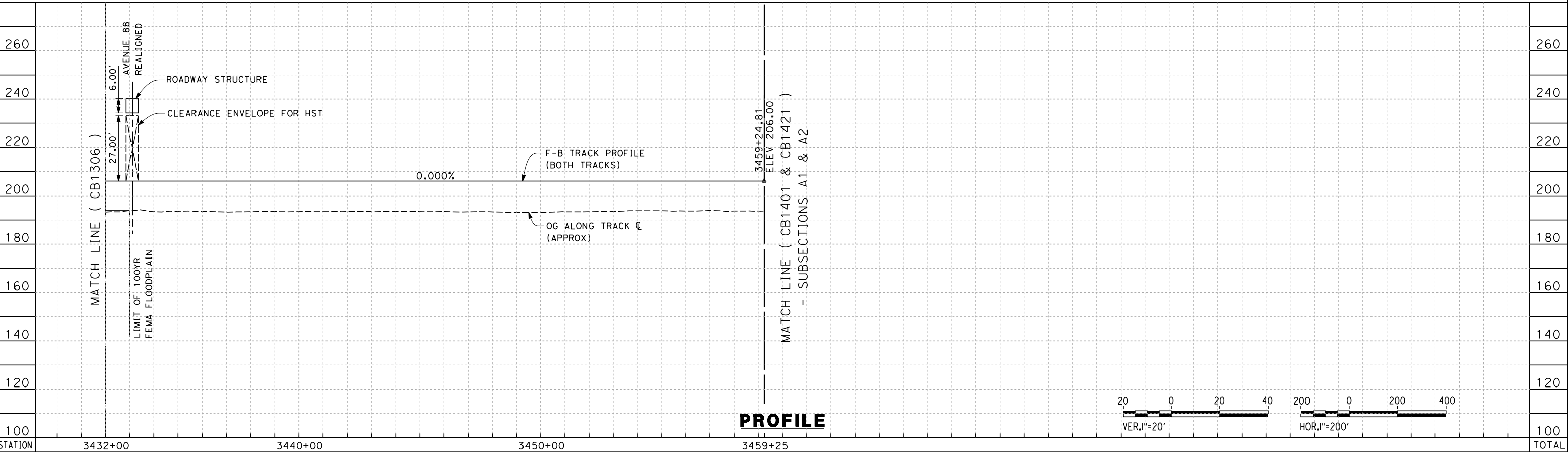
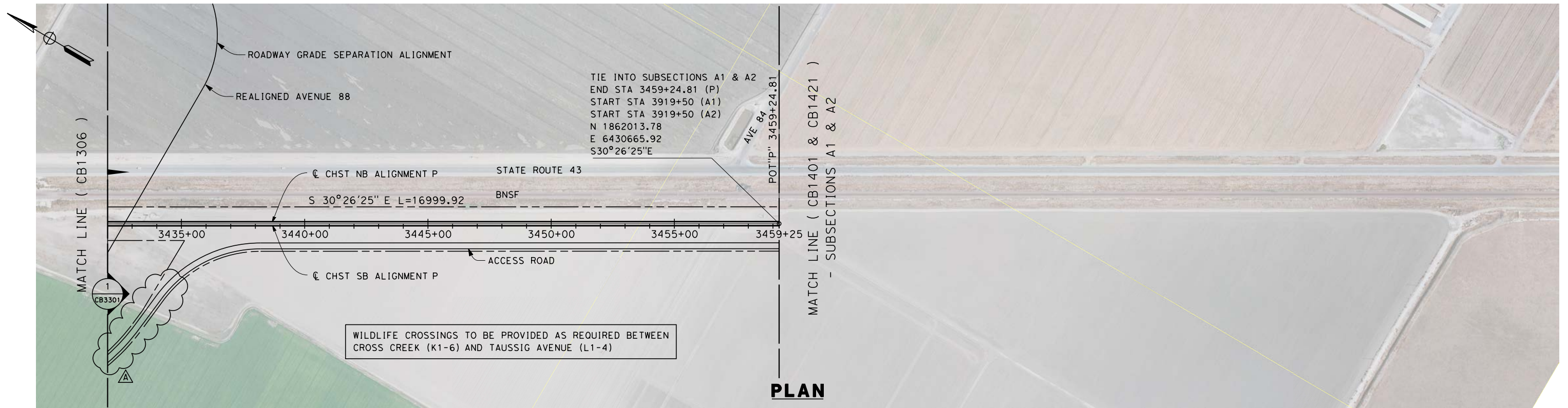
CONTRACT NO.
HSR 06-0003

DRAWING NO.
CB1306-A3

SCALE
AS SHOWN

SHEET NO.
7 OF 9

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STATION		3432+00	3440+00	3450+00	3459+25	TOTAL
CY	Exc					
	Emb					

A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. LITSAS
DRAWN BY J. BORGHESI
CHECKED BY K. SEYMOUR
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

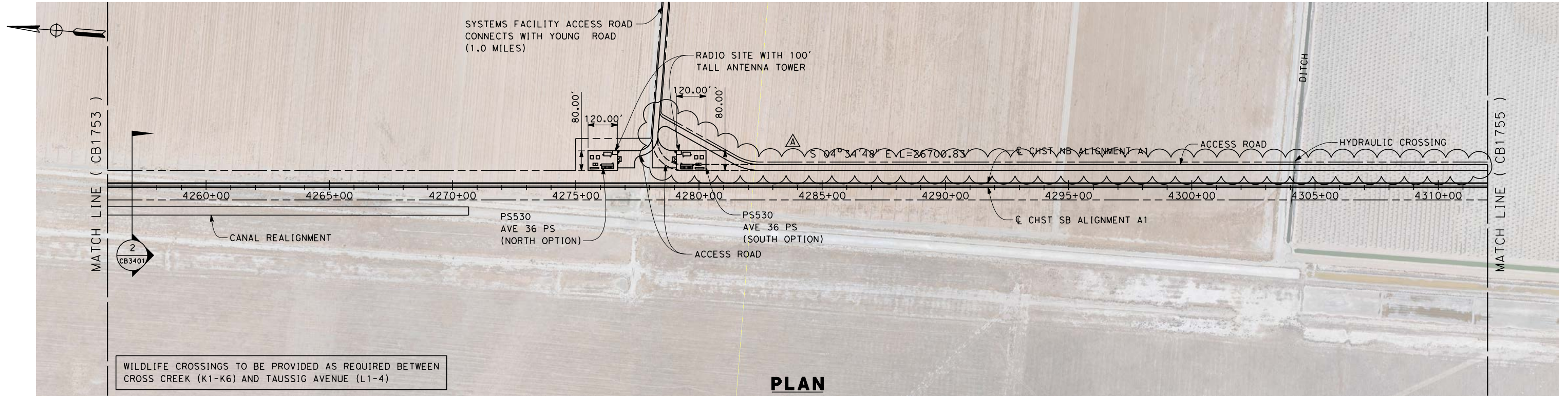
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CONSTRUCTION



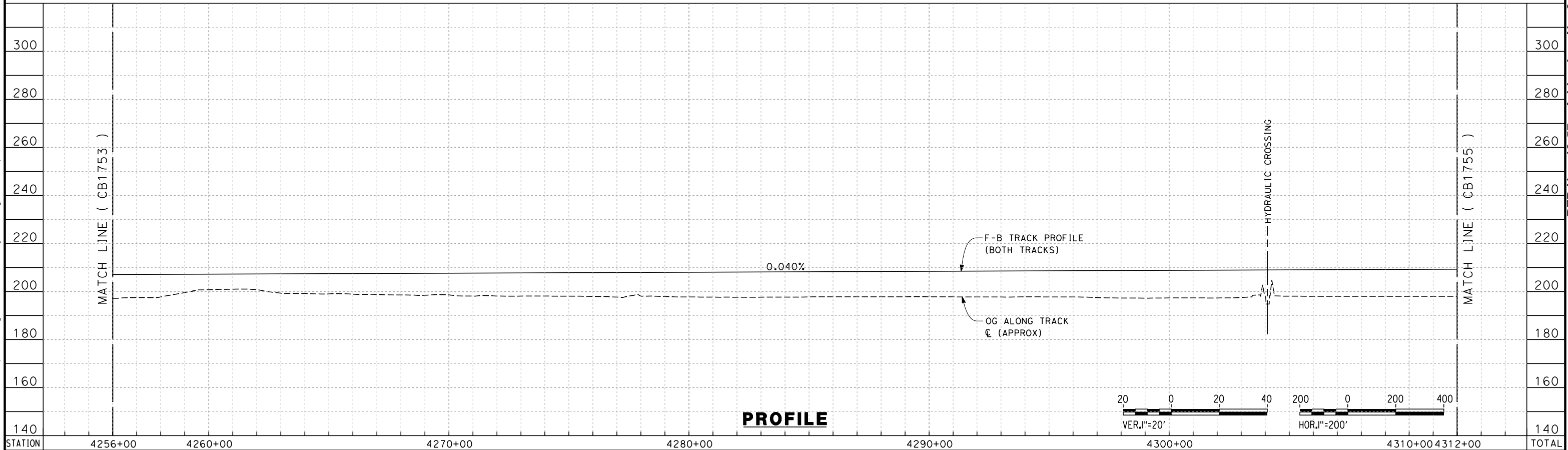
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
PIXLEY SUBSECTION
ALIGNMENT P
STA. 3432+00 TO 3459+25
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1307-A3
SCALE AS SHOWN
SHEET NO. 8 OF 9

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PLAN



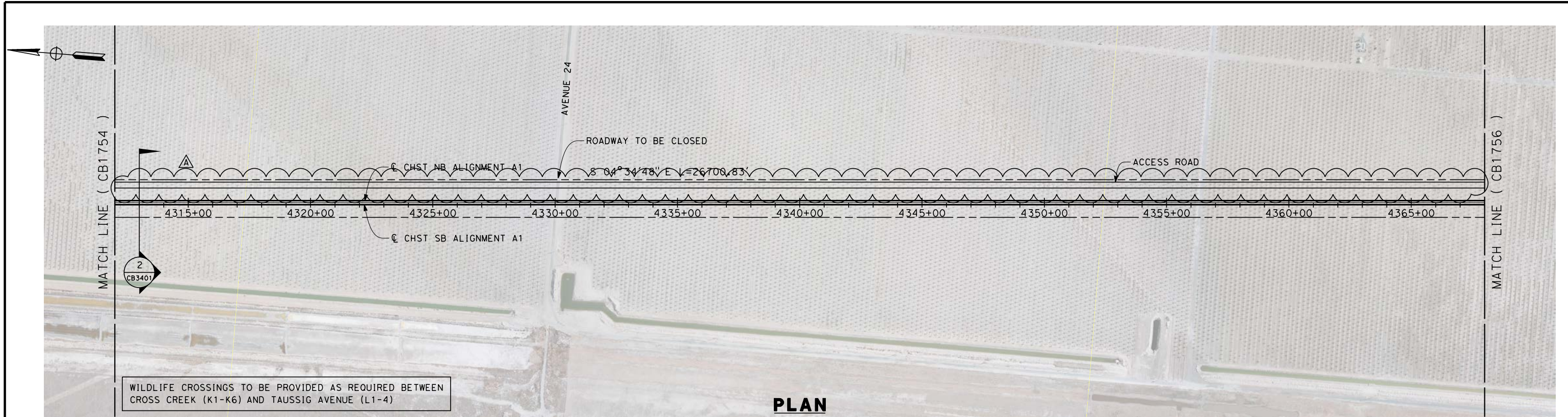
PROFILE

STATION		4256+00	4260+00	4270+00	4280+00	4290+00	4300+00	4310+00	4312+00	TOTAL
CY	Exc									
	Emb									

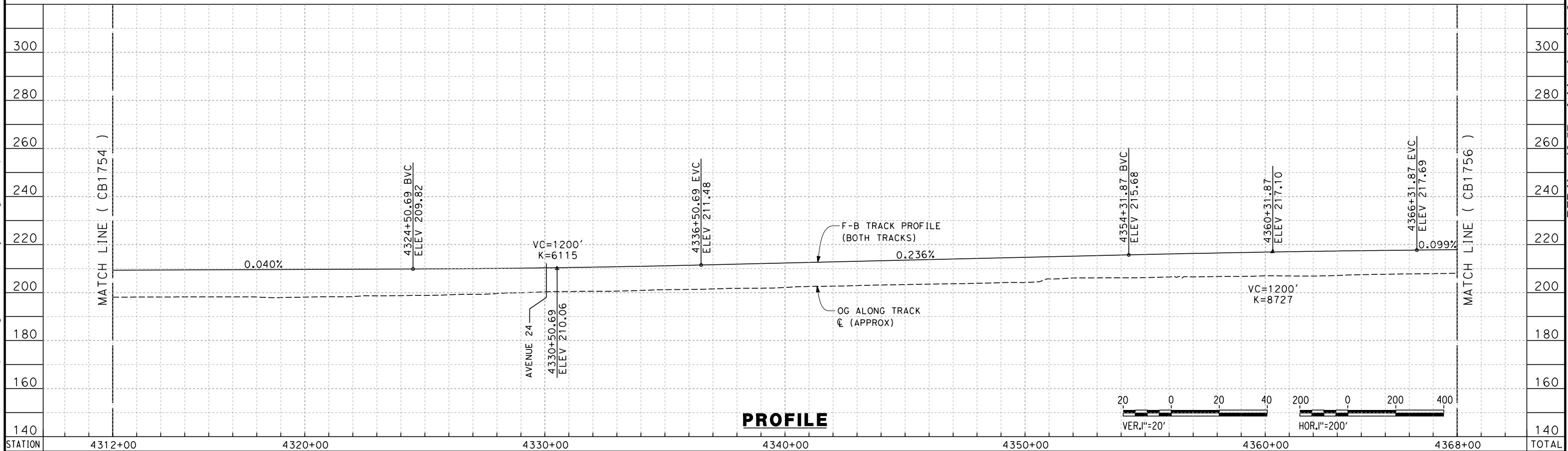
ADDENDUM 3 - RFP HSR 13-57

							DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ALLENSWORTH BYPASS SUBSECTION ALIGNMENT A1 STA. 4256+00 TO 4312+00 PLAN AND PROFILE	CONTRACT NO. HSR 06-0003
						DRAWN BY E. TANAKA	DRAWING NO. CB1754-A3				
						CHECKED BY G. WALKER	SCALE AS SHOWN				
						IN CHARGE R. COFFIN	SHEET NO. 8 OF 21				
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3		DATE 05/23/14				
REV	DATE	BY	CHK	APP	DESCRIPTION						

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PLAN



PROFILE

STATION		4312+00	4320+00	4330+00	4340+00	4350+00	4360+00	4368+00	TOTAL
CY	Exc								
	Emb								

ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. LITSAS
DRAWN BY E. TANAKA
CHECKED BY G. WALKER
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

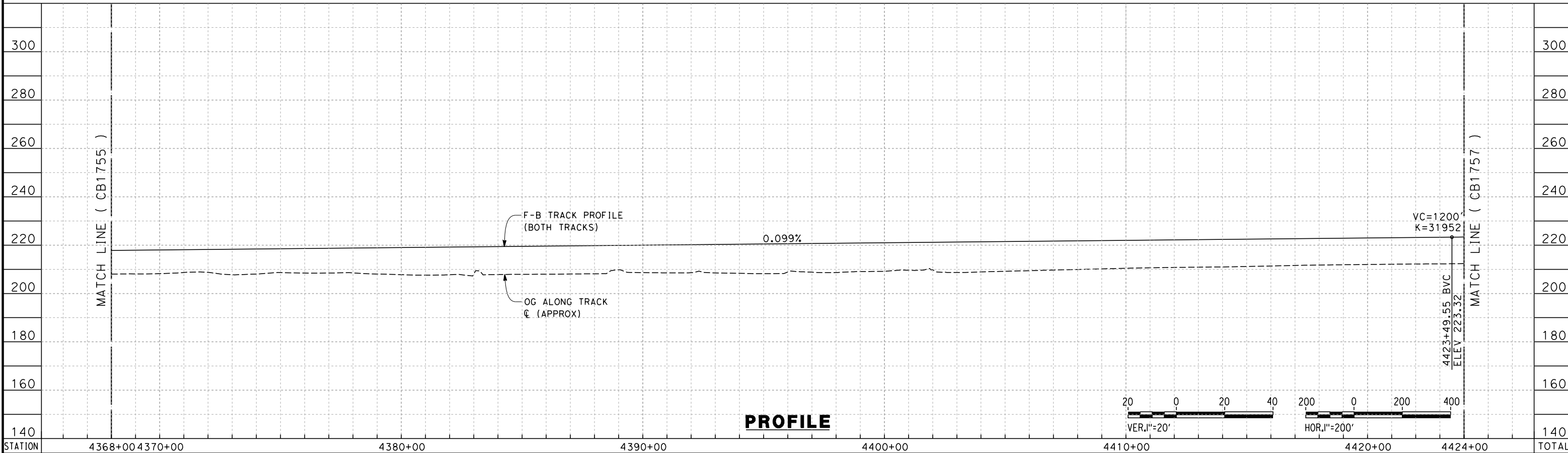
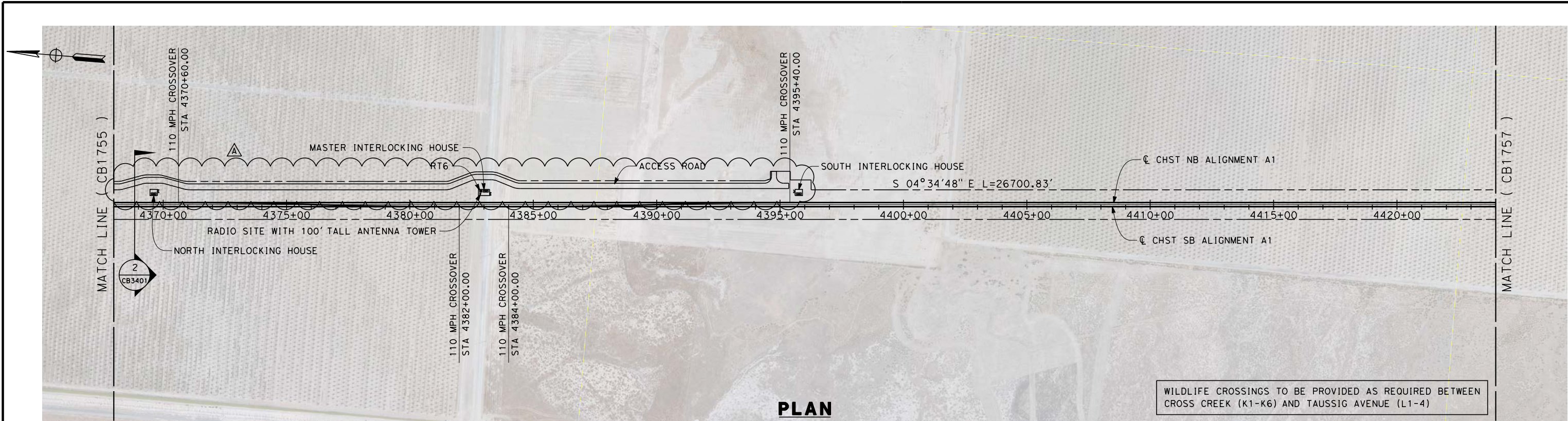
NOT FOR
CONSTRUCTION





CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
ALLENSWORTH BYPASS SUBSECTION
ALIGNMENT A1
STA. 4312+00 TO 4368+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1755-A3
SCALE AS SHOWN
SHEET NO. 9 OF 21

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CY	Exc														ADDENDUM 3 - RFP HSR 13-57
	Emb														
							DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ALLENSWORTH BYPASS SUBSECTION ALIGNMENT A1 STA. 4368+00 TO 4424+00 PLAN AND PROFILE	CONTRACT NO. HSR 06-0003			
						DRAWN BY E. TANAKA	DRAWING NO. CB1756-A3								
						CHECKED BY G. WALKER									
						IN CHARGE R. COFFIN									
						DATE 05/23/14									
A	2014/06	PT	KS	SB	REVISED FOR ADDENDUM 3							SCALE AS SHOWN			
REV	DATE	BY	CHK	APP	DESCRIPTION							SHEET NO. 10 OF 21			

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frank.palermo 6/23/2014 12:11:40 PM CAHSR-r1.tbl CHSR_PDF_half_black_200dpi.plt

GENERAL SHEETS

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
TT-B0001		ALIGNMENT - LOCATION MAP	1 OF 5
GE-A0024	A	HST STRUCTURES - INDEX OF SHEETS (SHEET 1 OF 2)	2 OF 5
GE-A0025	A	HST STRUCTURES - INDEX OF SHEETS (SHEET 2 OF 2)	3 OF 5
CB0010		GENERAL - ABBREVIATIONS AND LEGENDS - SHEET 1 OF 2	4 OF 5
CB0011		GENERAL - ABBREVIATIONS AND LEGENDS - SHEET 2 OF 2	5 OF 5

ALIGNMENT H - CONEJO VIADUCT

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV2220		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - KEY MAP	1 OF 8
SV2221		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - PLAN AND ELEVATION	2 OF 8
SV2222		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - PLAN AND ELEVATION	3 OF 8
SV2223		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - PLAN AND ELEVATION	4 OF 8
SV2224		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - PLAN AND ELEVATION	5 OF 8
SV2225		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - PLAN AND ELEVATION	6 OF 8
SV2226		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - PLAN AND ELEVATION	7 OF 8
SV2227		HANFORD SUBSECTION - ALIGNMENT H - CONEJO VIADUCT - TYPICAL SECTIONS	8 OF 8

ALIGNMENT H - KINGS RIVER VIADUCT

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV2258		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - KEY MAP	1 OF 18
SV2259	A	HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	2 OF 18
SV2260		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	3 OF 18
SV2261		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	4 OF 18
SV2262		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	5 OF 18
SV2263		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	6 OF 18
SV2264		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	7 OF 18
SV2265		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	8 OF 18
SV2266		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	9 OF 18
SV2267		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	10 OF 18
SV2268		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	11 OF 18
SV2269		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	12 OF 18
SV2270		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	13 OF 18
SV2271		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	14 OF 18
SV2272		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	15 OF 18
SV2273		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - PLAN AND ELEVATION	16 OF 18
SV2274		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - TYPICAL SECTIONS	17 OF 18
SV2275		HANFORD SUBSECTION - ALIGNMENT H - KINGS RIVER VIADUCT - TYPICAL SECTIONS	18 OF 18

ALIGNMENT H - HANFORD VIADUCT

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV2300		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - KEY MAP	1 OF 14
SV2301		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	2 OF 14
SV2302		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	3 OF 14
SV2303		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	4 OF 14
SV2304		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	5 OF 14
SV2305		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	6 OF 14
SV2306		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	7 OF 14
SV2307		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	8 OF 14
SV2308		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	9 OF 14
SV2309		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	10 OF 14
SV2310		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	11 OF 14
SV2311		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - PLAN AND ELEVATION	12 OF 14
SV2312		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - TYPICAL SECTIONS	13 OF 14
SV2313		HANFORD SUBSECTION - ALIGNMENT H - HANFORD VIADUCT - TYPICAL SECTIONS	14 OF 14

ALIGNMENT K4 - STATE ROUTE 43 UNDERPASS

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV2450		KAWEAH SUBSECTION - ALIGNMENT K4 - STATE ROUTE 43 UNDERPASS - KEY MAP	1 OF 3
SV2451		KAWEAH SUBSECTION - ALIGNMENT K4 - STATE ROUTE 43 UNDERPASS - PLAN AND ELEVATION	2 OF 3
SV2452		KAWEAH SUBSECTION - ALIGNMENT K4 - STATE ROUTE 43 UNDERPASS - TYPICAL SECTIONS	3 OF 3

ALIGNMENT K4 - CROSS CREEK VIADUCT

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV2460		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - KEY MAP	1 OF 13
SV2461		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	2 OF 13
SV2462		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	3 OF 13
SV2463		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	4 OF 13
SV2465		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	6 OF 13
SV2466		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	7 OF 13
SV2467		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	8 OF 13
SV2468		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	9 OF 13
SV2469		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	10 OF 13
SV2470		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	11 OF 13
SV2471		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - PLAN AND ELEVATION	12 OF 13
SV2472		KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS CREEK VIADUCT - TYPICAL SECTIONS	13 OF 13

ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY P. TONKIN	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD HST STRUCTURES INDEX OF SHEETS SHEET 1 OF 2	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0024-A3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 2 OF 5
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/04/14					

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ALIGNMENT C2 - WHITLEY AVE UNDERPASS

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV2445		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - WHITLEY AVENUE/SR137 UNDERPASS - KEY MAP	1 OF 2
SV2446		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - WHITLEY AVENUE/SR137 UNDERPASS - PLAN AND ELEVATION	2 OF 2

ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV2490		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - KEY MAP	1 OF 11
SV2491	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - PLAN AND ELEVATION	2 OF 11
SV2492	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - PLAN AND ELEVATION	3 OF 11
SV2493	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - PLAN AND ELEVATION	4 OF 11
SV2494	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - PLAN AND ELEVATION	5 OF 11
SV2495	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - PLAN AND ELEVATION	6 OF 11
SV2496	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - PLAN AND ELEVATION	7 OF 11
SV2497		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - PLAN AND ELEVATION	8 OF 11
SV2499		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - TYPICAL SECTIONS	9 OF 11
SV2500		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - TYPICAL SECTIONS	10 OF 11
SV2501		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STATE ROUTE 43 BNSF VIADUCT - TYPICAL SECTIONS	11 OF 11

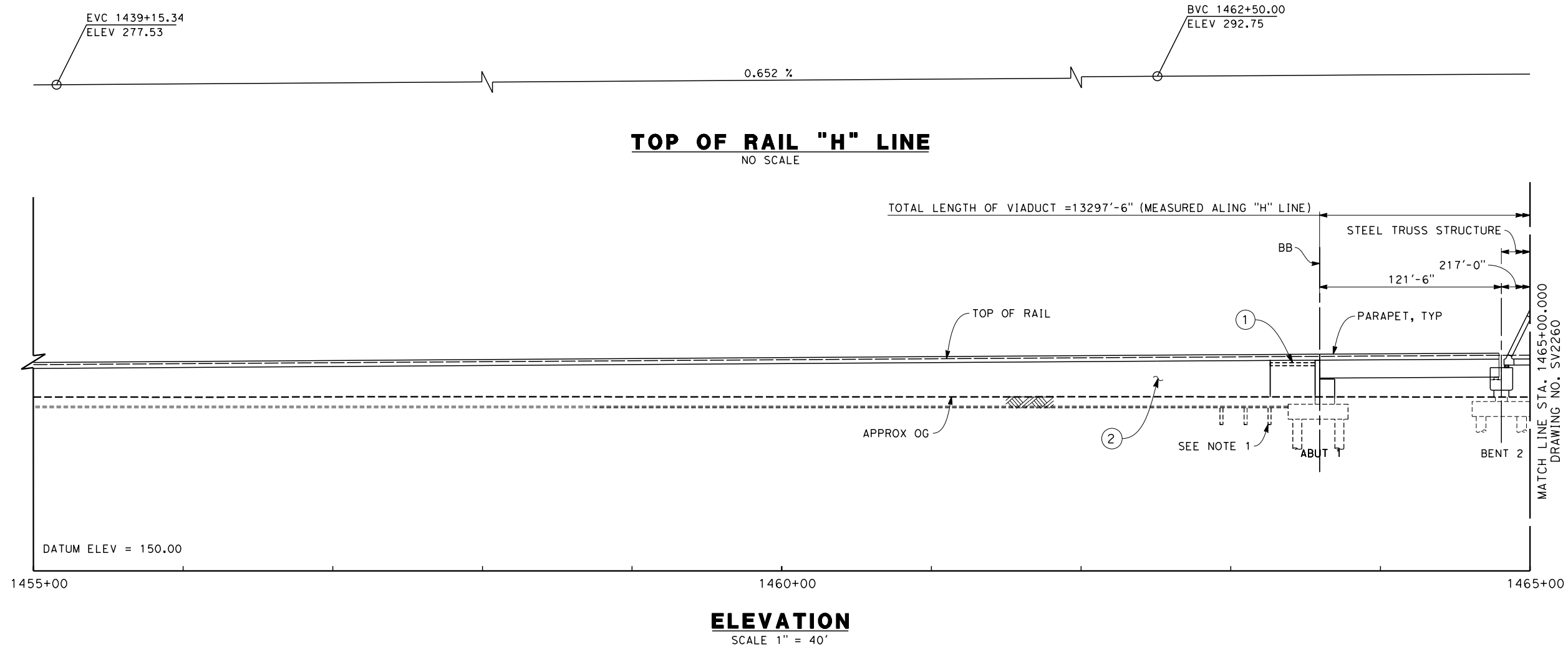
ALIGNMENT A1 - DEER CREEK VIADUCT

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SV1500		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - KEY MAP	1 OF 9
SV1501		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - PLAN AND ELEVATION	2 OF 9
SV1502		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - PLAN AND ELEVATION	3 OF 9
SV1503		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - PLAN AND ELEVATION	4 OF 9
SV1504		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - PLAN AND ELEVATION	5 OF 9
SV1505		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - PLAN AND ELEVATION	6 OF 9
SV1506		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - PLAN AND ELEVATION	7 OF 9
SV1507		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - PLAN AND ELEVATION	8 OF 9
SV1508		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - DEER CREEK VIADUCT - TYPICAL SECTIONS	9 OF 9

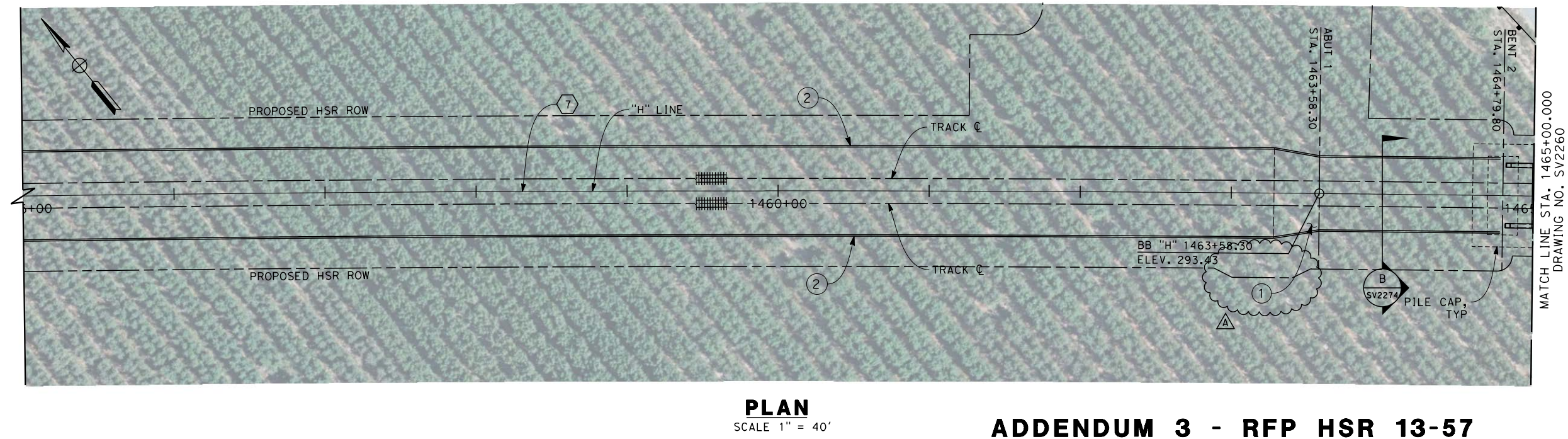
ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY P. TONKIN	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD HST STRUCTURES INDEX OF SHEETS SHEET 2 OF 2	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0025-A3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 3 OF 5
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/04/14					

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- NOTES**
1. NOT ALL PILES SHOWN
 2. PILE LENGTH TO BE DETERMINED
 3. SUPERSTRUCTURE CONSTRUCTION, UON
SIMPLE SPANS - MSS OR FLPM
CONTINUOUS SPANS - BCC - PRECAST IN-SITU
STEEL TRUSS - INSITU, SLID OR LAUNCHED
ELEVATED SLABS - PC BEAM AND INSITU SLAB
 4. UTILITY LOCATIONS TO BE DETERMINED
 5. ACCESS STAIRWAYS ARE PROVIDED AT SYSTEMS SITES (APPROX. 2.5 MILE INTERVALS). LADDER ACCESS TO VIADUCTS IS PROVIDED AT 2500 FT INTERVALS WITH ACCESS ROAD AND TURNING CIRCLE WHERE NECESSARY.

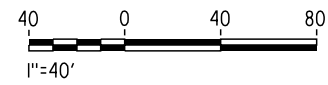




- LEGEND:**
- ① STRUCTURE APPROACH SLAB
 - ② RETAINING WALL
 - * ESTIMATED 100-YEAR FLOOD ELEVATION, SEE "FRESNO TO BAKERSFIELD CORRIDOR HYDROLOGY, HYDRAULICS AND DRAINAGE 15% DRAFT REPORT".

CURVE DATA

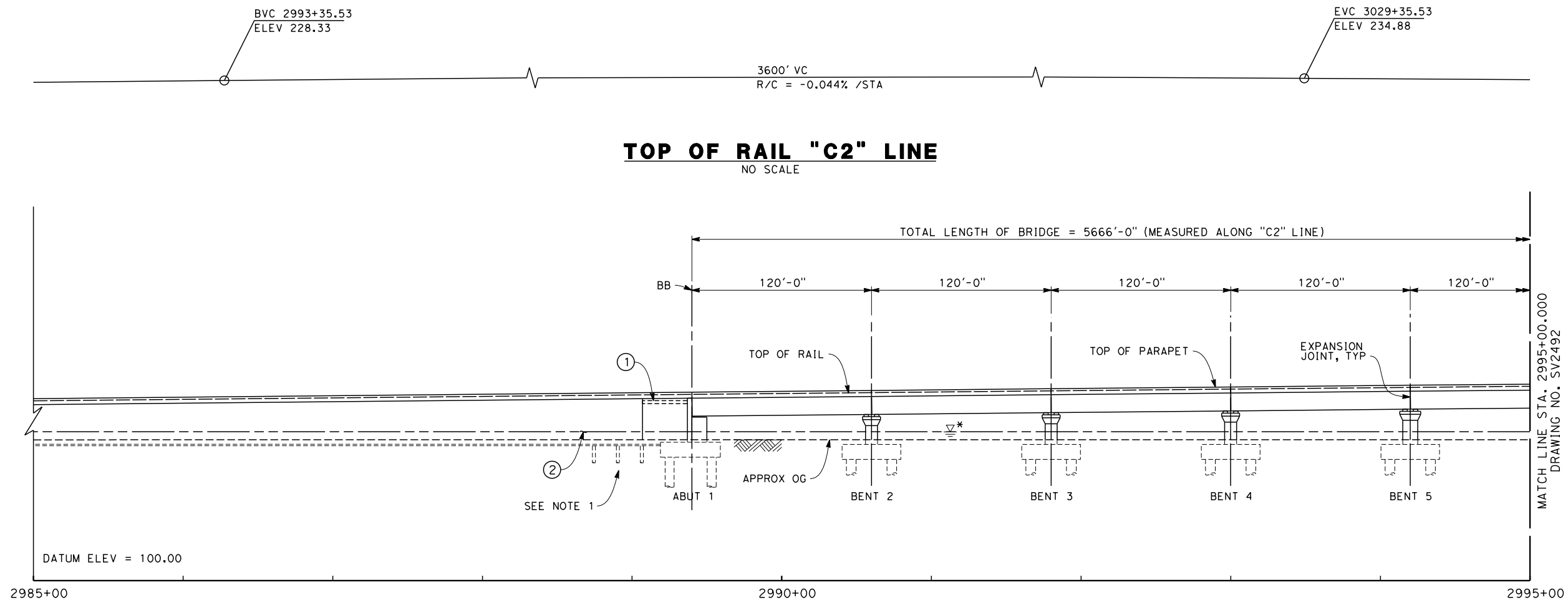
⑦

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T = 20271.5'
L = 37008.6'

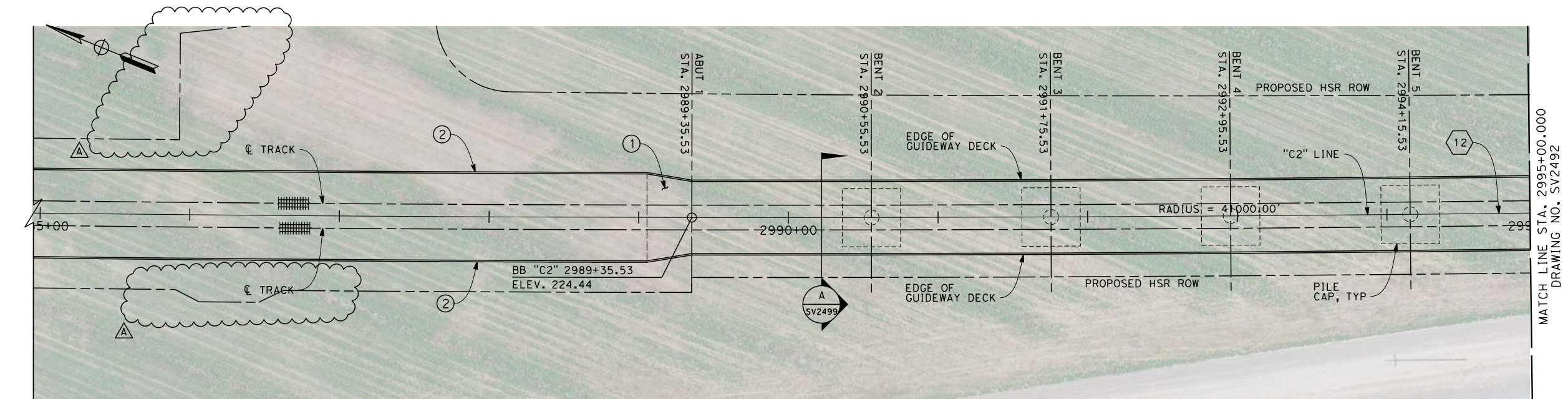


						DESIGNED BY M. FISHER	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD HANFORD SUBSECTION ALIGNMENT H KINGS RIVER VIADUCT PLAN AND ELEVATION	CONTRACT NO. HSR 06-0003
						DRAWN BY F. PALERMO				DRAWING NO. SV2259-A3
						CHECKED BY A. ARMSTRONG				SCALE AS SHOWN
						IN CHARGE R. COFFIN				SHEET NO. 2 OF 18
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3	DATE 12/31/13				
REV	DATE	BY	CHK	APP	DESCRIPTION					

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ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'

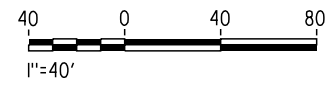
- NOTES**
1. NOT ALL PILES SHOWN
 2. PILE LENGTH TO BE DETERMINED
 3. SUPERSTRUCTURE CONSTRUCTION, UON
SIMPLE SPANS - MSS OR FLPM
CONTINUOUS SPANS - BCC - PRECAST IN-SITU
STEEL TRUSS - INSITU, SLID OR LAUNCHED
ELEVATED SLABS - PC BEAM AND INSITU SLAB
 4. UTILITY LOCATIONS TO BE DETERMINED
 5. ACCESS STAIRWAYS ARE PROVIDED AT SYSTEMS SITES (APPROX. 2.5 MILE INTERVALS). LADDER ACCESS TO VIADUCTS IS PROVIDED AT 2500 FT INTERVALS WITH ACCESS ROAD AND TURNING CIRCLE WHERE NECESSARY.

- LEGEND:**
- ① STRUCTURE APPROACH SLAB
 - ② RETAINING WALL
 - * ESTIMATED 100-YEAR FLOOD ELEVATION, SEE "FRESNO TO BAKERSFIELD CORRIDOR HYDROLOGY, HYDRAULICS AND DRAINAGE 15% DRAFT REPORT".

CURVE DATA

12

R = 41000.00'
Δ = 13° 36' 13"
T = 4890.27'
L = 9734.55'



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3

DESIGNED BY M. FISHER
DRAWN BY F. PALERMO
CHECKED BY A. ARMSTRONG
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

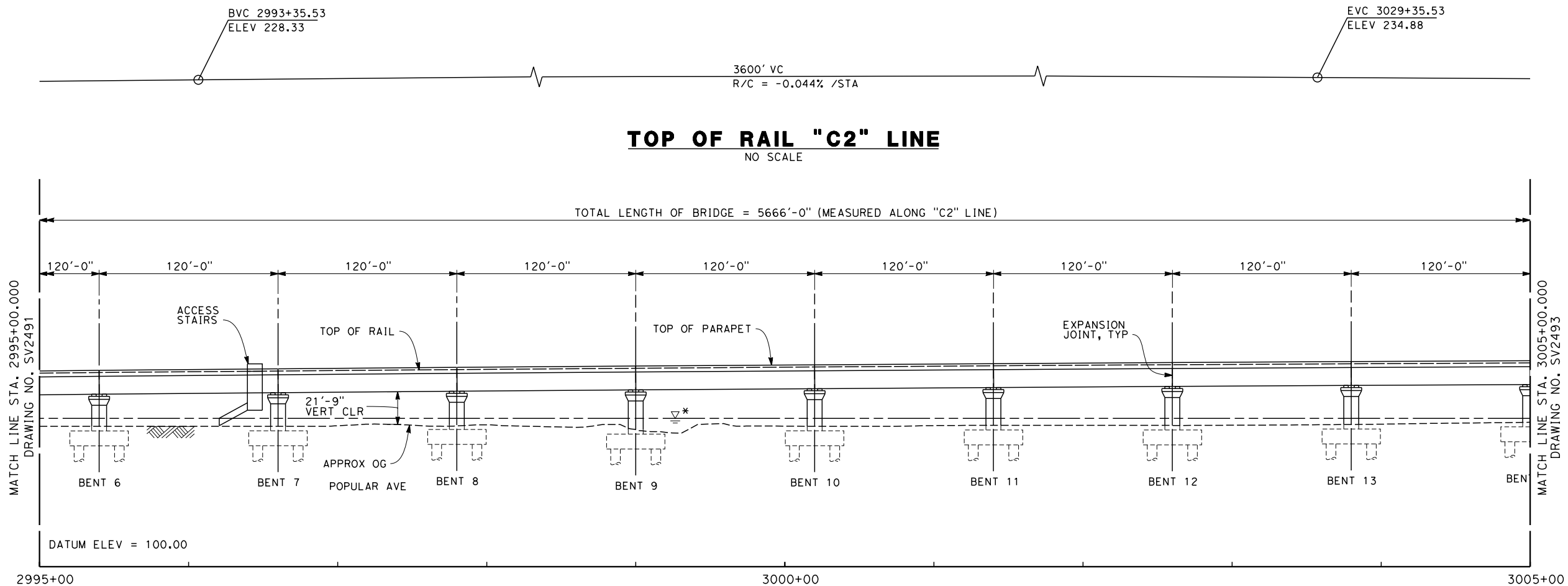
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CONSTRUCTION**



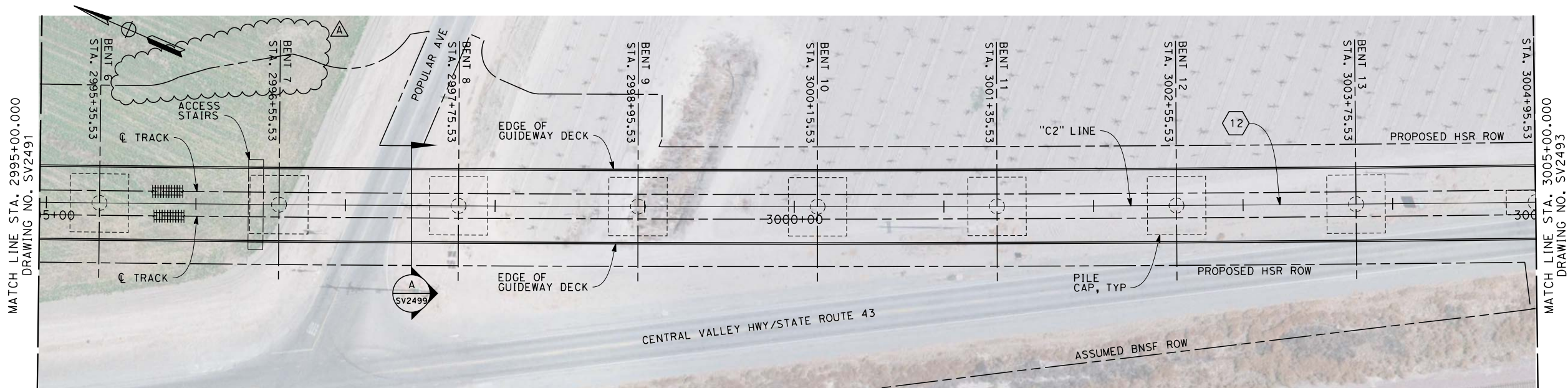
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STATE ROUTE 43 BNSF VIADUCT
PLAN AND ELEVATION

CONTRACT NO. HSR 06-0003
DRAWING NO. SV2491-A3
SCALE AS SHOWN
SHEET NO. 2 OF 11

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ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'

ADDENDUM 3 - RFP HSR 13-57

NOTES

1. NOT ALL PILES SHOWN
2. PILE LENGTH TO BE DETERMINED
3. SUPERSTRUCTURE CONSTRUCTION, UON
SIMPLE SPANS - MSS OR FLPM
CONTINUOUS SPANS - BCC - PRECAST IN-SITU
STEEL TRUSS - INSITU, SLID OR LAUNCHED
ELEVATED SLABS - PC BEAM AND INSITU SLAB
4. UTILITY LOCATIONS TO BE DETERMINED
5. ACCESS STAIRWAYS ARE PROVIDED AT SYSTEMS SITES (APPROX. 2.5 MILE INTERVALS). LADDER ACCESS TO VIADUCTS IS PROVIDED AT 2500 FT INTERVALS WITH ACCESS ROAD AND TURNING CIRCLE WHERE NECESSARY.

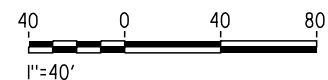
LEGEND:

- ① STRUCTURE APPROACH SLAB
 - ② RETAINING WALL
- * ESTIMATED 100-YEAR FLOOD ELEVATION, SEE "FRESNO TO BAKERSFIELD CORRIDOR HYDROLOGY, HYDRAULICS AND DRAINAGE 15% DRAFT REPORT".

CURVE DATA

⑫

R = 41000.00'
Δ = 13° 36' 13"
T = 4890.27'
L = 9734.55'



REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3

DESIGNED BY M. FISHER
DRAWN BY F. PALERMO
CHECKED BY A. ARMSTRONG
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

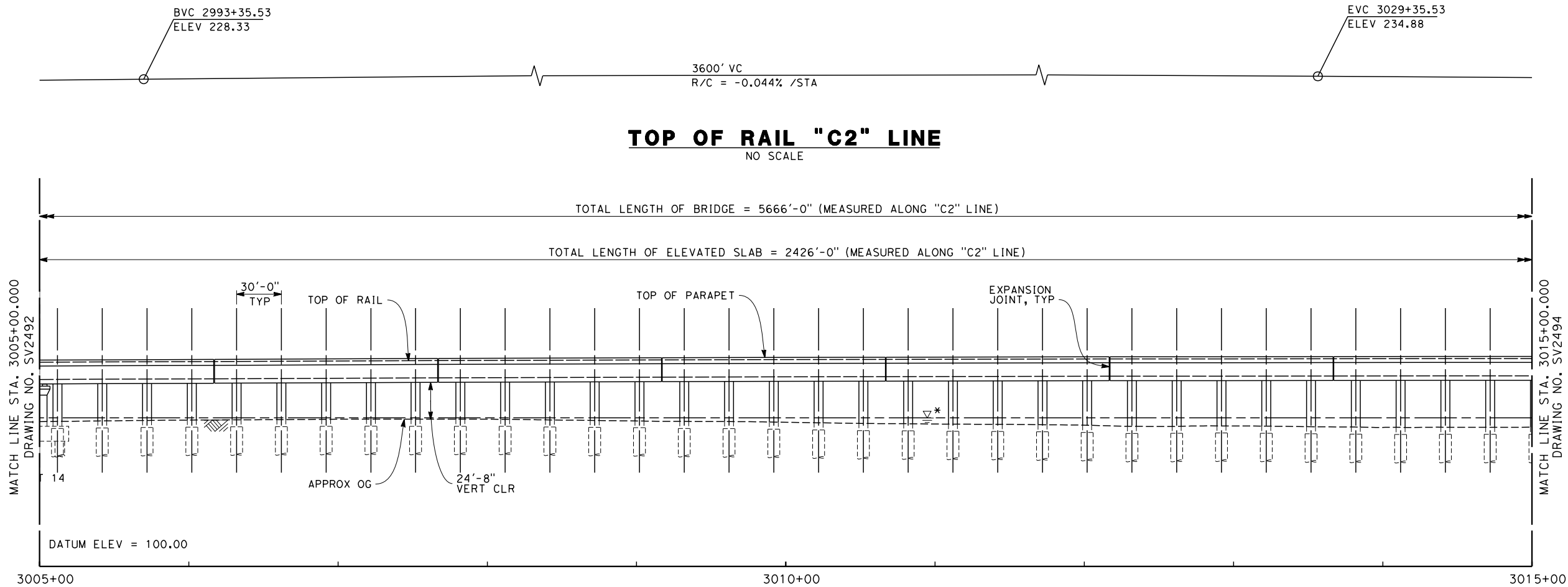
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CONSTRUCTION**



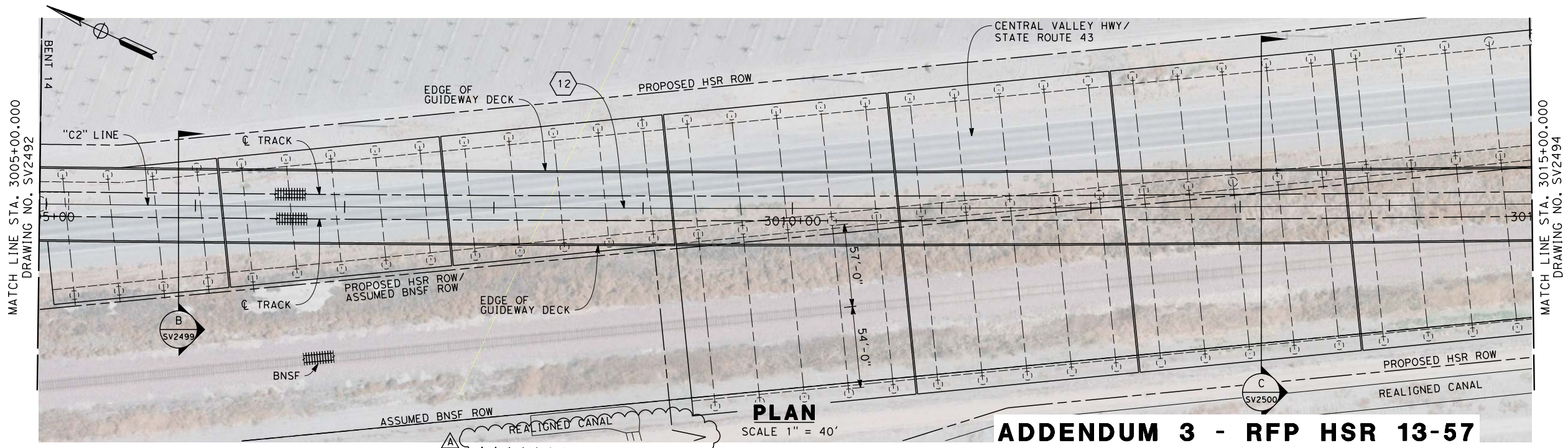
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STATE ROUTE 43 BNSF VIADUCT
PLAN AND ELEVATION

CONTRACT NO. HSR 06-0003
DRAWING NO. SV2492-A3
SCALE AS SHOWN
SHEET NO. 3 OF 11

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ELEVATION
SCALE 1" = 40'



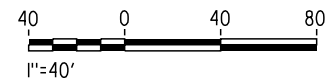
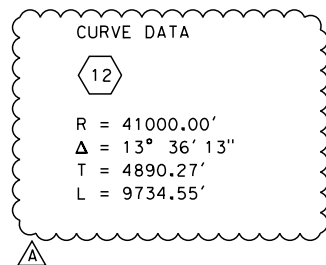
ADDENDUM 3 - RFP HSR 13-57

NOTES

1. NOT ALL PILES SHOWN
2. PILE LENGTH TO BE DETERMINED
3. SUPERSTRUCTURE CONSTRUCTION, UON
SIMPLE SPANS - MSS OR FLPM
CONTINUOUS SPANS - BCC - PRECAST IN-SITU
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ELEVATED SLABS - PC BEAM AND INSITU SLAB
4. UTILITY LOCATIONS TO BE DETERMINED
5. ACCESS STAIRWAYS ARE PROVIDED AT SYSTEMS SITES (APPROX. 2.5 MILE INTERVALS). LADDER ACCESS TO VIADUCTS IS PROVIDED AT 2500 FT INTERVALS WITH ACCESS ROAD AND TURNING CIRCLE WHERE NECESSARY.

LEGEND:

- ① STRUCTURE APPROACH SLAB
- ② RETAINING WALL
- * ESTIMATED 100-YEAR FLOOD ELEVATION, SEE "FRESNO TO BAKERSFIELD CORRIDOR HYDROLOGY, HYDRAULICS AND DRAINAGE 15% DRAFT REPORT".



REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3

DESIGNED BY M. FISHER
DRAWN BY F. PALERMO
CHECKED BY A. ARMSTRONG
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

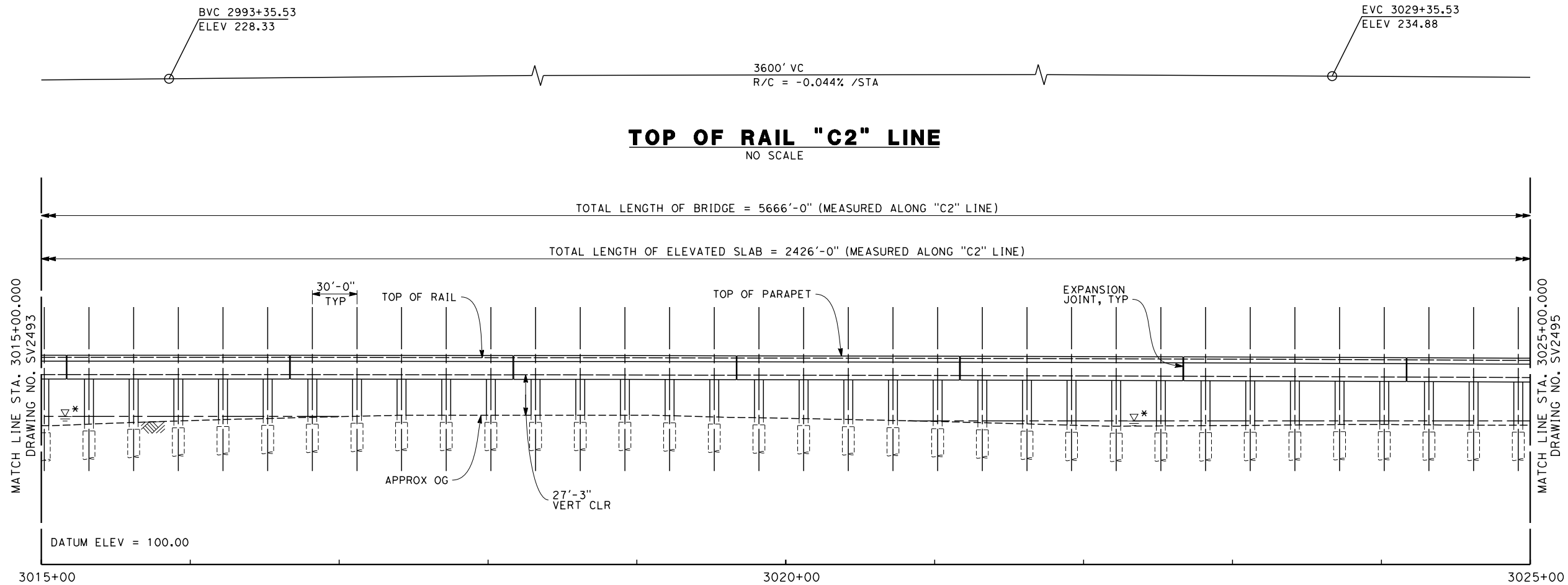
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CONSTRUCTION**



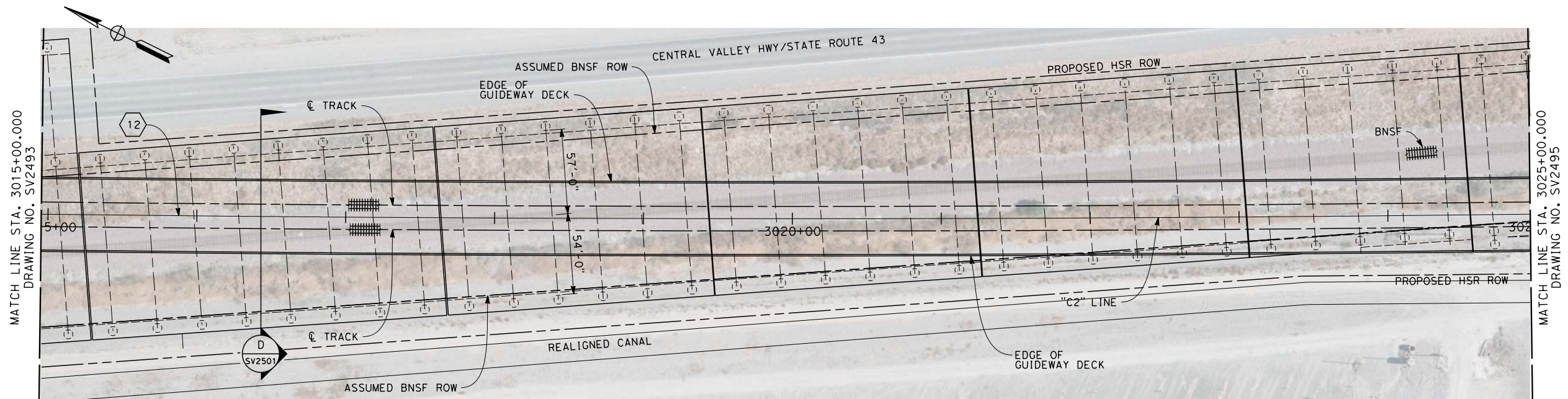
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STATE ROUTE 43 BNSF VIADUCT
PLAN AND ELEVATION

CONTRACT NO. HSR 06-0003
DRAWING NO. SV2493-A3
SCALE AS SHOWN
SHEET NO. 4 OF 11

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ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'

ADDENDUM 3 - RFP HSR 13-57

NOTES

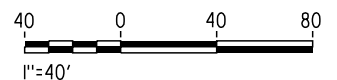
1. NOT ALL PILES SHOWN
2. PILE LENGTH TO BE DETERMINED
3. SUPERSTRUCTURE CONSTRUCTION, UON
SIMPLE SPANS - MSS OR FLPM
CONTINUOUS SPANS - BCC - PRECAST IN-SITU
STEEL TRUSS - INSITU, SLID OR LAUNCHED
ELEVATED SLABS - PC BEAM AND INSITU SLAB
4. UTILITY LOCATIONS TO BE DETERMINED
5. ACCESS STAIRWAYS ARE PROVIDED AT SYSTEMS SITES (APPROX. 2.5 MILE INTERVALS). LADDER ACCESS TO VIADUCTS IS PROVIDED AT 2500 FT INTERVALS WITH ACCESS ROAD AND TURNING CIRCLE WHERE NECESSARY.

LEGEND:

- ① STRUCTURE APPROACH SLAB
 - ② RETAINING WALL
- * ESTIMATED 100-YEAR FLOOD ELEVATION, SEE "FRESNO TO BAKERSFIELD CORRIDOR HYDROLOGY, HYDRAULICS AND DRAINAGE 15% DRAFT REPORT".

CURVE DATA	
12	
R = 41000.00'	
Δ = 13° 36' 13"	
T = 4890.27'	
L = 9734.55'	

A



REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3

DESIGNED BY M. FISHER
DRAWN BY F. PALERMO
CHECKED BY A. ARMSTRONG
IN CHARGE R. COFFIN
DATE 05/30/14

**RECORD SET 15%
DESIGN SUBMISSION**

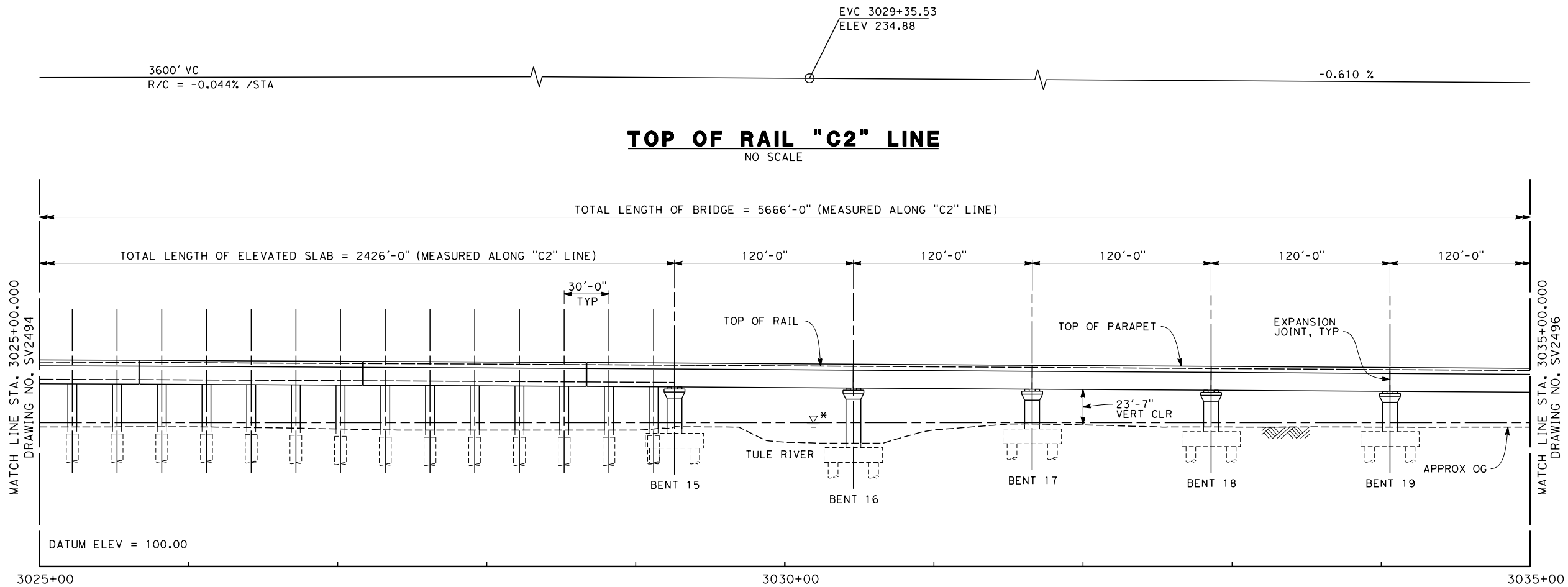
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CONSTRUCTION**



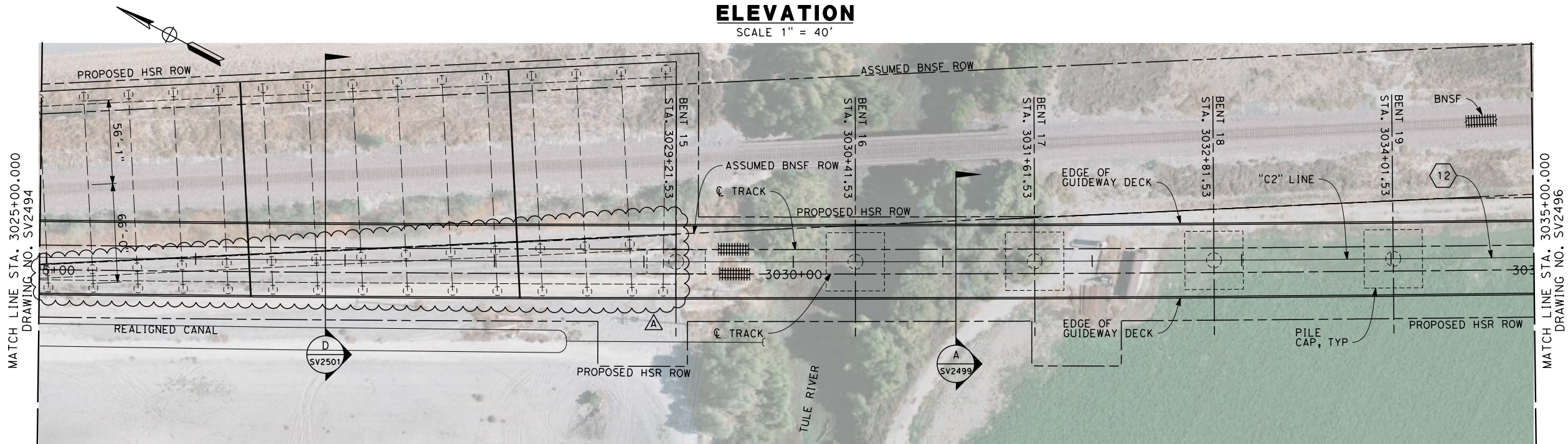
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STATE ROUTE 43 BNSF VIADUCT
PLAN AND ELEVATION

CONTRACT NO. HSR 06-0003
DRAWING NO. SV2494-A3
SCALE AS SHOWN
SHEET NO. 5 OF 11

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ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'

NOTES

1. NOT ALL PILES SHOWN
2. PILE LENGTH TO BE DETERMINED
3. SUPERSTRUCTURE CONSTRUCTION, UON
SIMPLE SPANS - MSS OR FLPM
CONTINUOUS SPANS - BCC - PRECAST IN-SITU
STEEL TRUSS - INSITU, SLID OR LAUNCHED
ELEVATED SLABS - PC BEAM AND INSITU SLAB
4. UTILITY LOCATIONS TO BE DETERMINED
5. ACCESS STAIRWAYS ARE PROVIDED AT SYSTEMS SITES (APPROX. 2.5 MILE INTERVALS). LADDER ACCESS TO VIADUCTS IS PROVIDED AT 2500 FT INTERVALS WITH ACCESS ROAD AND TURNING CIRCLE WHERE NECESSARY.

LEGEND:

- ① STRUCTURE APPROACH SLAB
- ② RETAINING WALL
- * ESTIMATED 100-YEAR FLOOD ELEVATION, SEE "FRESNO TO BAKERSFIELD CORRIDOR HYDROLOGY, HYDRAULICS AND DRAINAGE 15% DRAFT REPORT".

CURVE DATA	
12	
R = 41000.00'	
Δ = 13° 36' 13"	
T = 4890.27'	
L = 9734.55'	

A



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3

DESIGNED BY M. FISHER
DRAWN BY F. PALERMO
CHECKED BY A. ARMSTRONG
IN CHARGE R. COFFIN
DATE 05/30/14

**RECORD SET 15%
DESIGN SUBMISSION**

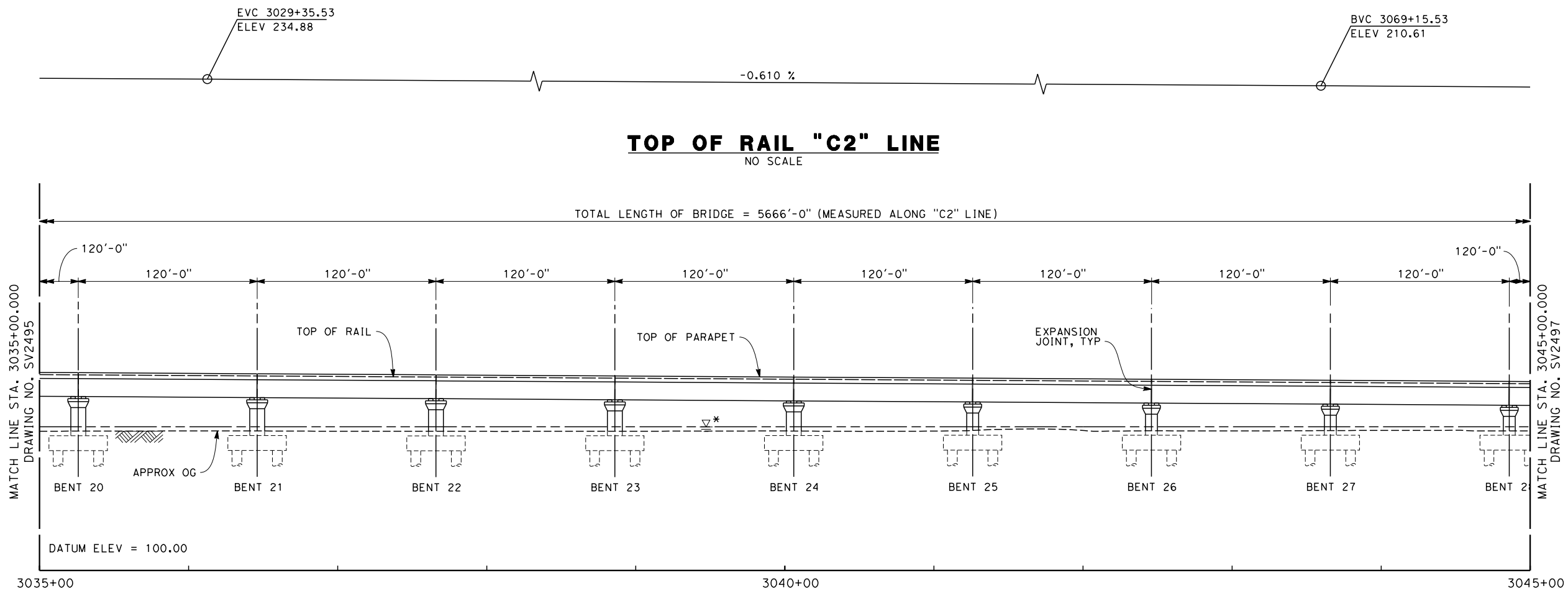
**NOT FOR
CONSTRUCTION**



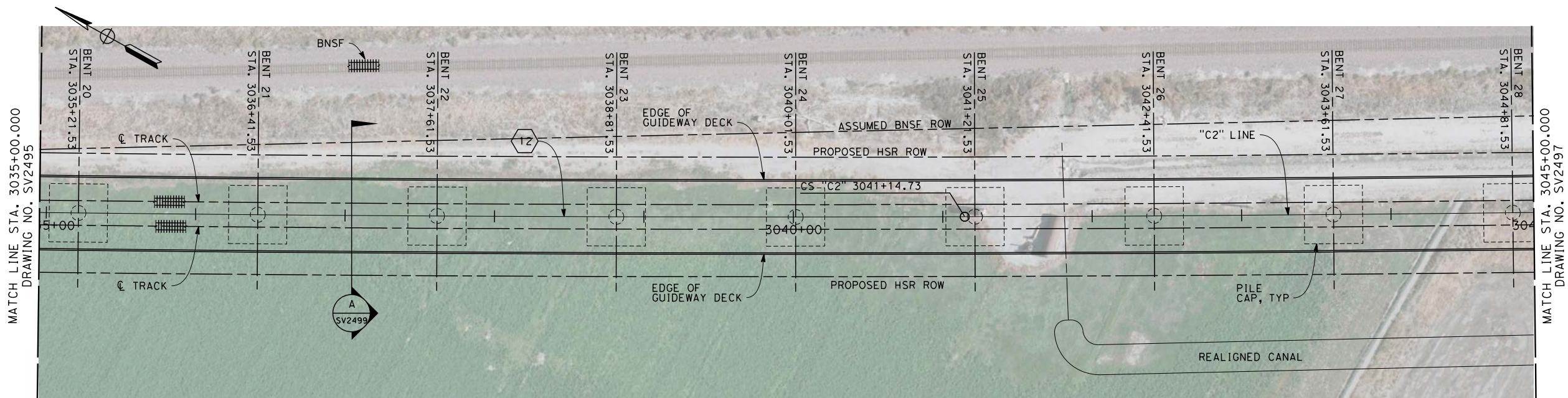
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STATE ROUTE 43 BNSF VIADUCT
PLAN AND ELEVATION

CONTRACT NO. HSR 06-0003
DRAWING NO. SV2495-A3
SCALE AS SHOWN
SHEET NO. 6 OF 11

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ELEVATION
SCALE 1" = 40'



PLAN
SCALE 1" = 40'

NOTES

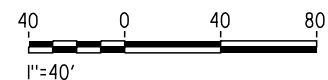
1. NOT ALL PILES SHOWN
2. PILE LENGTH TO BE DETERMINED
3. SUPERSTRUCTURE CONSTRUCTION, UON
SIMPLE SPANS - MSS OR FLPM
CONTINUOUS SPANS - BCC - PRECAST IN-SITU
STEEL TRUSS - INSITU, SLID OR LAUNCHED
ELEVATED SLABS - PC BEAM AND INSITU SLAB
4. UTILITY LOCATIONS TO BE DETERMINED
5. ACCESS STAIRWAYS ARE PROVIDED AT SYSTEMS SITES (APPROX. 2.5 MILE INTERVALS). LADDER ACCESS TO VIADUCTS IS PROVIDED AT 2500 FT INTERVALS WITH ACCESS ROAD AND TURNING CIRCLE WHERE NECESSARY.

LEGEND:

- ① STRUCTURE APPROACH SLAB
- ② RETAINING WALL
- * ESTIMATED 100-YEAR FLOOD ELEVATION, SEE "FRESNO TO BAKERSFIELD CORRIDOR HYDROLOGY, HYDRAULICS AND DRAINAGE 15% DRAFT REPORT".

CURVE DATA	
12	
R = 41000.00'	
Δ = 13° 36' 13"	
T = 4890.27'	
L = 9734.55'	

△



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	FP	QL	SB	REVISED FOR ADDENDUM 3

DESIGNED BY M. FISHER
DRAWN BY F. PALERMO
CHECKED BY A. ARMSTRONG
IN CHARGE R. COFFIN
DATE 12/31/13

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STATE ROUTE 43 BNSF VIADUCT
PLAN AND ELEVATION

CONTRACT NO. HSR 06-0003
DRAWING NO. SV2496-A3
SCALE AS SHOWN
SHEET NO. 7 OF 11

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GENERAL SHEETS

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
TT-B0001		ALIGNMENT - LOCATION MAP	1 OF 6
GE-A0021	A	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS	2 OF 6
GE-A0022	A	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS	3 OF 6
GE-A0023	A	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS	4 OF 6
CB0010		GENERAL - ABBREVIATIONS & LEGENDS	5 OF 6
CB0011		GENERAL - ABBREVIATIONS & LEGENDS	6 OF 6

ALIGNMENT M - MONMOUTH SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB0050		MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY/GRADE SEPARATION - KEY MAP	1 OF 32
CT1101	A	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E LINCOLN AVE	2 OF 32
CT1103	A	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E ADAMS AVE	3 OF 32
CT1104		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E SOUTH AVE	4 OF 32
CT1106		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MANNING AVE	5 OF 32
CT1107		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MANNING AVE	6 OF 32
CT1109	A	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E FLORAL AVE	7 OF 32
CT1110		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E FLORAL AVE	8 OF 32
CT1111		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E NEBRASKA AVE	9 OF 32
CT1112		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E NEBRASKA AVE	10 OF 32
CT1113		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MOUNTAIN VIEW AVE	11 OF 32
CT1114		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MOUNTAIN VIEW AVE	12 OF 32
CT1115		MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY LAYOUT - S CHESTNUT AVE (NORTH)	13 OF 32
CT1116		MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY LAYOUT - S CHESTNUT AVE (SOUTH)	14 OF 32
CT2101	A	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E LINCOLN AVE AND S MAPLE AT E LINCOLN AVE	15 OF 32
CT2102		MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY PROFILE - S CEDAR AND S MAPLE AT E ADAMS	16 OF 32
CT2103	A	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E ADAMS AVE	17 OF 32
CT2104		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E SOUTH AVE AND S CEDAR AT E SOUTH AVE	18 OF 32
CT2105		MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY PROFILE - S MAPLE AT E MANNING	19 OF 32
CT2106		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MANNING AVE	20 OF 32
CT2107		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MANNING AVE	21 OF 32
CT2108		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E FLORAL AVE	22 OF 32
CT2109		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E FLORAL AVE	23 OF 32
CT2110		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E NEBRASKA AVE	24 OF 32
CT2111		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E NEBRASKA AVE	25 OF 32
CT2112		MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY PROFILE - S CHESTNUT AT E NEBRASKA AVE	26 OF 32
CT2113		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MOUNTAIN VIEW AVE	27 OF 32
CT2114		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MOUNTAIN VIEW AVE	28 OF 32
CT2115		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - S CHESTNUT AVE (NORTH)	29 OF 32
CT2116		MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - S CHESTNUT AVE (SOUTH)	30 OF 32
CT3010	A	MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	31 OF 32
CT3011	A	MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	32 OF 32

ALIGNMENT H - HANFORD SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB0055		HANFORD SUBSECTION - ALIGNMENT H - ROADWAY/GRADE SEPARATION - KEY MAP	1 OF 60
CT1117		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S CLOVIS AVE	2 OF 60
CT1118		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S CLOVIS AVE	3 OF 60
CT1119		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E ELKHORN AVE	4 OF 60
CT1120		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E ELKHORN AVE	5 OF 60
CT1121		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S FOWLER AVE	6 OF 60
CT1122		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S FOWLER AVE	7 OF 60
CT1123		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E DAVIS AVE	8 OF 60
CT1124		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E DAVIS AVE	9 OF 60
CT1130		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - DOVER AVE	10 OF 60
CT1131		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - DOVER AVE	11 OF 60
CT1132		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - 8TH AVE (NORTH)	12 OF 60
CT1133		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - 8TH AVE (SOUTH)	13 OF 60
CT1134	A	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - EXCELSIOR AVE	14 OF 60
CT1135	A	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - EXCELSIOR AVE	15 OF 60
CT1136		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - ELDER AVE	16 OF 60
CT1137		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - ELDER AVE	17 OF 60
CT1138	A	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FLINT AVE	18 OF 60
CT1139	A	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FLINT AVE	19 OF 60
CT1140		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FARGO AVE	20 OF 60
CT1141		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FARGO AVE	21 OF 60
CT1144		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HANFORD ARMONA RD	22 OF 60
CT1145		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HANFORD ARMONA RD	23 OF 60
CT1146		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HOUSTON AVE	24 OF 60
CT1147		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HOUSTON AVE	25 OF 60
CT1148		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - IONA AVE	26 OF 60
CT1149		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - IONA AVE	27 OF 60
CT2117		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S CLOVIS AVE	28 OF 60
CT2118		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S CLOVIS AVE	29 OF 60
CT2119		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E ELKHORN AVE	30 OF 60
CT2120		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E ELKHORN AVE	31 OF 60
CT2121		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S FOWLER AVE	32 OF 60
CT2122		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S FOWLER AVE	33 OF 60
CT2123		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E DAVIS AVE	34 OF 60
CT2124		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E DAVIS AVE	35 OF 60
CT2130		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - DOVER AVE	36 OF 60
CT2131		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - DOVER AVE	37 OF 60
CT2132		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 8TH AVE (NORTH)	38 OF 60
CT2133		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 8TH AVE (SOUTH)	39 OF 60
CT2134		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - EXCELSIOR AVE	40 OF 60
CT2135		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - EXCELSIOR AVE	41 OF 60
CT2136		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - ELDER AVE	42 OF 60
CT2137		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - ELDER AVE	43 OF 60
CT2138		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FLINT AVE	44 OF 60
CT2139		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FLINT AVE	45 OF 60
CT2140		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FARGO AVE	46 OF 60
CT2141		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FARGO AVE	47 OF 60
CT2142		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 7 1/2 AVE CONNECTOR	48 OF 60
CT2143		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 7 1/2 AVE	49 OF 60
CT2144		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HANFORD ARMONA RD	50 OF 60

ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY P. TONKIN	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 1 OF 3	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0021-A3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
A	2014/06	JV	PT	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 2 OF 6
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE					

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ALIGNMENT H - HANFORD SUBSECTION, CONT'D

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CT2145		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HANFORD ARMONA RD	51 OF 60
CT2146		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HOUSTON AVE	52 OF 60
CT2147		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HOUSTON AVE	53 OF 60
CT2148		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - IONA AVE	54 OF 60
CT2149		HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - IONA AVE	55 OF 60
CR1251		HANFORD SUBSECTION - ALIGNMENT H - ROADWAY LAYOUT - E CLARKSON AVE & S MINNEWAWA AVE	56 OF 60
CR2251		HANFORD SUBSECTION - ALIGNMENT H - ROADWAY PROFILE - E CLARKSON AVE & S MINNEWAWA AVE	57 OF 60
CR2252		HANFORD SUBSECTION - ALIGNMENT H - ROADWAY PROFILE - E CLARKSON AVE & S MINNEWAWA AVE	58 OF 60
CT3030		HANFORD SUBSECTION - ALIGNMENT H - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	59 OF 60
CT3031		HANFORD SUBSECTION - ALIGNMENT H - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	60 OF 60

ALIGNMENT K4 - KAWEAH SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB0065		KAWEAH SUBSECTION - ALIGNMENT K4 - ROADWAY/GRADE SEPARATION - KEY MAP	1 OF 23
CT1220		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - IDAHO AVE	2 OF 23
CT1221		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - IDAHO AVE	3 OF 23
CT1222		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - JACKSON AVE	4 OF 23
CT1223		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - JACKSON AVE	5 OF 23
CT1224		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - STATE ROUTE 43 (JERSEY AVE)	6 OF 23
CT1225		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - STATE ROUTE 43 (JERSEY AVE)	7 OF 23
CT1226	A	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KENT AVE	8 OF 23
CT1227		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KENT AVE	9 OF 23
CT1228		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KANSAS AVE	10 OF 23
CT1229		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KANSAS AVE	11 OF 23
CT2220		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - IDAHO AVE	12 OF 23
CT2221		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - IDAHO AVE	13 OF 23
CT2222		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - JACKSON AVE	14 OF 23
CT2223		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - JACKSON AVE	15 OF 23
CT2224		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 (JERSEY AVE)	16 OF 23
CT2225		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 (JERSEY AVE)	17 OF 23
CT2226		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KENT AVE	18 OF 23
CT2227		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KENT AVE	19 OF 23
CT2228		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KANSAS AVE	20 OF 23
CT2229		KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KANSAS AVE	21 OF 23
CT3230		KAWEAH SUBSECTION - ALIGNMENT K4 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	22 OF 23
CT3231		KAWEAH SUBSECTION - ALIGNMENT K4 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	23 OF 23



ALIGNMENT C2 - CORCORAN SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB0075		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY/GRADE SEPARATION - KEY MAP	1 OF 18
CT1239	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - NEVADA AVE	2 OF 18
CT1240		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - NEVADA AVE CONNECTOR	3 OF 18
CT1244	A	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - CORCORAN HWY	4 OF 18
CT1248		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - WHITLEY AVE/ STATE ROUTE 137	5 OF 18
CT2239		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - NEVADA AVE	6 OF 18
CT2240		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - NEVADA AVE	7 OF 18
CT2244		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - CORCORAN HWY	8 OF 18
CT2245		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - CORCORAN HWY	9 OF 18
CT2246		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - 5TH AVE	10 OF 18
CT2247		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE	11 OF 18
CT2248		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE	12 OF 18
CR1230		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY LAYOUT	13 OF 18
CR1231		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY LAYOUT	14 OF 18
CT3042		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY/GRADE SEPARATION	17 OF 18
CT3043		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY/GRADE SEPARATION	18 OF 18

ALIGNMENT P - PIXLEY SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB0100		PIXLEY SUBSECTION - ALIGNMENT P - ROADWAY/GRADE SEPARATION - KEY MAP	1 OF 16
CT1401	A	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - AVE 128	2 OF 16
CT1411	A	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - HESSE AVE	3 OF 16
CT1421	A	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - AVE 112	4 OF 16
CT1431	A	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - AVE 88	5 OF 16
CT2401		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 128	6 OF 16
CT2402		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 128	7 OF 16
CT2411		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - HESSE AVE	8 OF 16
CT2412		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - HESSE AVE	9 OF 16
CT2421		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 112	10 OF 16
CT2422		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 112	11 OF 16
CT2423		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 112 CONNECTOR	12 OF 16
CT2431		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 88	13 OF 16
CT2432		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 88	14 OF 16
CT2433		PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 88 CONNECTOR	15 OF 16
CT3060		PIXLEY SUBSECTION - ALIGNMENT P - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	16 OF 16

ADDENDUM 3 - RFP HSR 13-57



						DESIGNED BY P. TONKIN	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 2 OF 3	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0022-A3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
A	2014/06	JV	PB	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 3 OF 6
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 05/28/14					

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ALIGNMENT A1 - ALLENSWORTH SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
CB0110		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - ROADWAY/GRADE SEPARATION - KEY MAP	1 OF 24
CT1501		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - COUNTY RD J22	2 OF 24
CT1511		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - GARCES HWY	3 OF 24
CT1512		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - SCOFIELD AVE	4 OF 24
CT1513		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - SCOFIELD AVE	5 OF 24
CT1514		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - SCOFIELD AVE	6 OF 24
CT1521		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - POND RD	7 OF 24
CT1522		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - POND RD	8 OF 24
CT1523		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - MAGNOLIA AVE	9 OF 24
CT1531		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - PETERSON RD	10 OF 24
CT1532		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - PETERSON RD	11 OF 24
CT2501		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - COUNTY RD J22	12 OF 24
CT2510		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - GARCES HWY	13 OF 24
CT2511		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - GARCES HWY	14 OF 24
CT2512		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - SCOFIELD AVE	15 OF 24
CT2513		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - SCOFIELD AVE	16 OF 24
CT2514		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - SCOFIELD AVE	17 OF 24
CT2521		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - POND RD	18 OF 24
CT2522		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - POND RD	19 OF 24
CT2523		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - MAGNOLIA AVE	20 OF 24
CT2524		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - MAGNOLIA AVE	21 OF 24
CT2531		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - PETERSON RD	22 OF 24
CT2532		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - PETERSON RD	23 OF 24
CT3070		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	24 OF 24

ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY P. TONKIN	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 3 OF 3	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0023-A3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
A	2014/06	JV	PB	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 4 OF 6
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 05/28/14					

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CONTRACT NO.	HSR 06-0003
DRAWING NO.	CT1101-A3
SCALE	AS SHOWN
SHEET NO.	2 OF 32

A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	A. CANNON
DRAWN BY	E. SUDHAUSEN
CHECKED BY	S. BROWN
IN CHARGE	R. COFFIN
DATE	05/23/14

**RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION**



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A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E ADAMS AVE

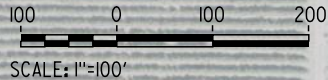
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DRAWING NO. CT1103-A3
SCALE AS SHOWN
SHEET NO. 3 OF 32

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BAR59603



LINE DATA		
NO.	BEARING	DISTANCE
1	S89°46'40"E	3900.00'



ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

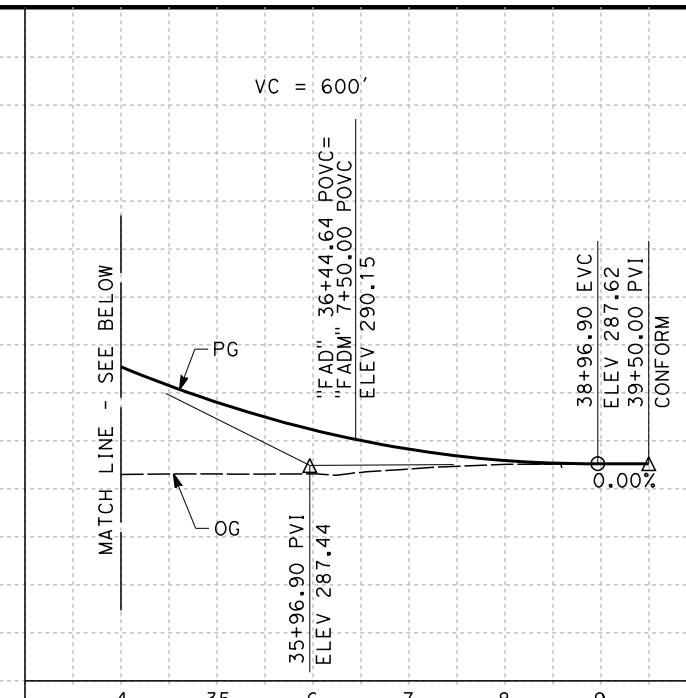


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**


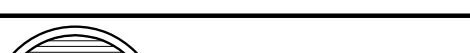
MONMOUTH SUBSECTION
ALIGNMENT M
GRADE SEPARATION LAYOUT
E FLORAL AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1109-A3
SCALE AS SHOWN
SHEET NO. 7 OF 32

1. MINIMUM VERTICAL CLEARANCE OVER HST IS 27' FROM TOP OF RAIL
2. MINIMUM VERTICAL CLEARANCE OVER BNSF IS 24.0' FROM TOP OF RAIL



"FAD" LINE
SCALE: HORIZ 1"=100'
VERT 1"=10'

STATION		8	9	10	1	2	3	4	15	6	7	8	9	20	1	2	3	4	25	6	7	8	9	30	1	2	3	4	TOTAL	
CY	Exc																													
	Emb																													
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3																									
REV	DATE	BY	CHK	APP	DESCRIPTION																									
					DESIGNED BY A. CANNON					RECORD SET 15% DESIGN SUBMISSION										 CALIFORNIA HIGH-SPEED RAIL AUTHORITY					CONTRACT NO. HSR 06-0003					
					DRAWN BY E. SUDHAUSEN																				DRAWING NO. CT2103-A3					
					CHECKED BY S. BROWN																				SCALE AS SHOWN					
					IN CHARGE R. COFFIN																				SHEET NO. 17 OF 32					
					DATE 05/23/14																									

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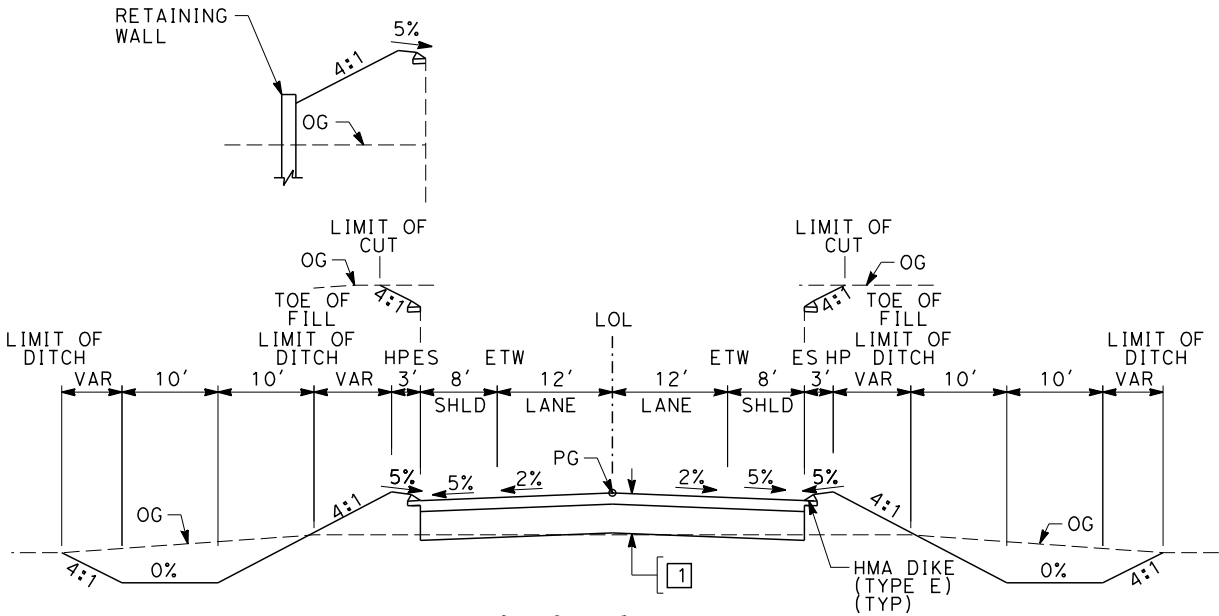
- NOTES:
1. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
 2. PAVEMENT SECTIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. EXACT DIMENSION AND MATERIAL OF THE PAVEMENT SECTION TO BE CONFIRMED.

STRUCTURAL SECTIONS
TYPICAL ROADWAY

1-0.60' HMA (TYPE A)
1.50' CL2 AB

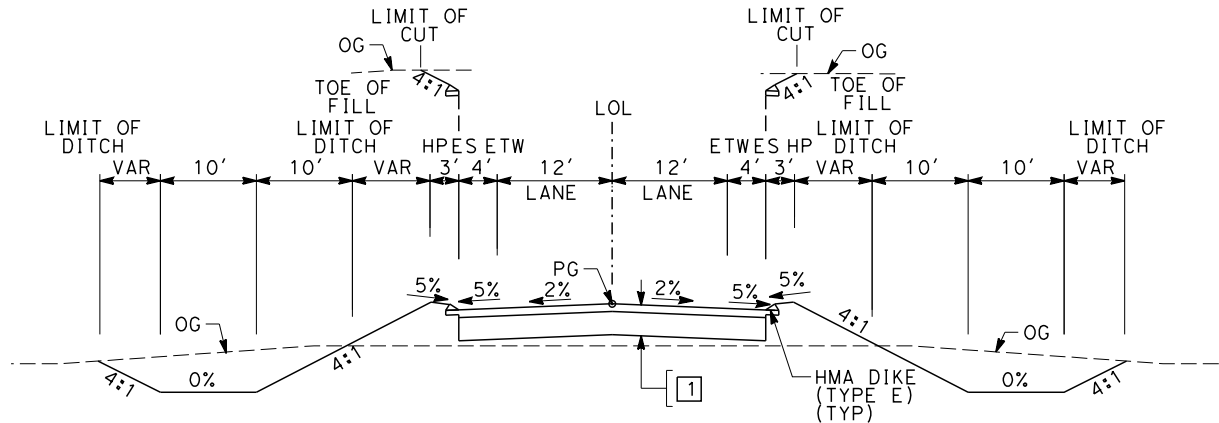
TABLE OF DESIGN SPEEDS

STREET NAME	ALIGNMENT DESIGNATION	DESIGN SPEED	CRITERIA/JURISDICTION
E LINCOLN AVE	FLI	55	AASHTO/FRESNO COUNTY
S MAPLE AVE AT E LINCOLN AVE	FLIM	55	AASHTO/FRESNO COUNTY
S CEDAR AVE AT E LINCOLN AVE	FLIC	55	AASHTO/FRESNO COUNTY
E ADAMS AVE	FAD	55	AASHTO/FRESNO COUNTY
S MAPLE AVE AT E ADAMS AVE	FADM	55	AASHTO/FRESNO COUNTY
S CEDAR AVE AT E ADAMS AVE	FADC	55	AASHTO/FRESNO COUNTY
E SOUTH AVE	FSO	55	AASHTO/FRESNO COUNTY
S MAPLE AVE AT E SOUTH AVE	FSOM	55	AASHTO/FRESNO COUNTY
S CEDAR AVE AT E SOUTH AVE	FSOC	55	AASHTO/FRESNO COUNTY
E MANNING AVE	FMN	55	AASHTO/FRESNO COUNTY
S MAPLE AVE AT E MANNING AVE	FMM	55	AASHTO/FRESNO COUNTY
E FLORAL AVE	FFL	65	AASHTO/FRESNO COUNTY
E NEBRASKA AVE	FNE	65	AASHTO/FRESNO COUNTY
S CHESTNUT AVE AT E NEBRASKA AVE	NCN	65	AASHTO/FRESNO COUNTY
E MOUNTAIN VIEW AVE	FMV	65	AASHTO/FRESNO COUNTY
S CHESTNUT AVE	FCN/FCS	65/55	AASHTO/FRESNO COUNTY



SECTION A

"FLI" 10+00.00 TO 19+69.00
"FLI" 24+68.25 TO 36+00.00
"FAD" 10+50.00 TO 20+79.35
"FAD" 24+59.35 TO 36+00.00
"FNE" 10+00.00 TO 30+55.00
"FNE" 34+60.00 TO 43+50.00
"FMV" 102+00.00 TO 116+80.00
"FMV" 120+95.00 TO 133+30.00
"FCN" 28+50.00 TO 33+26.39
"FCS" 0+00.00 TO 13+00.00
"FMN" 104+00.00 TO 109+00.00
"FMN" 123+41.50 TO 130+00.00
"FFL" 7+00.00 TO 21+45.00
"FFL" 25+75.00 TO 37+00.00



SECTION B

"FSO" 14+00.00 TO 22+67.50
"FSO" 26+42.50 TO 38+00.00

ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

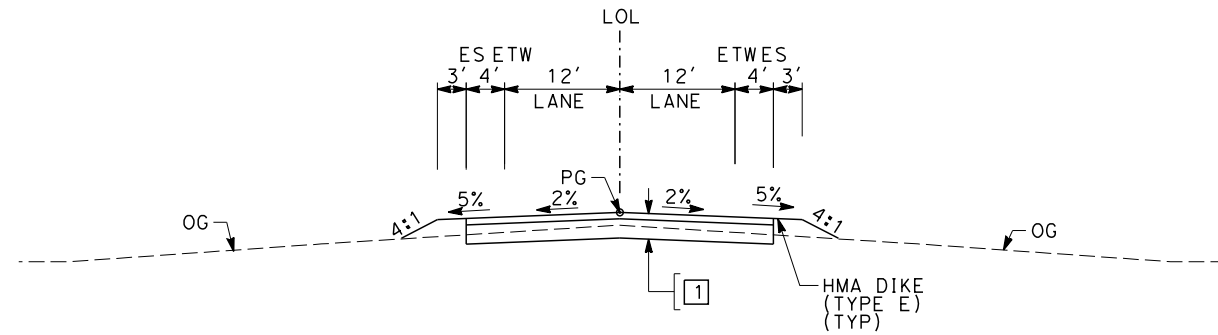
DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION
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CONSTRUCTION



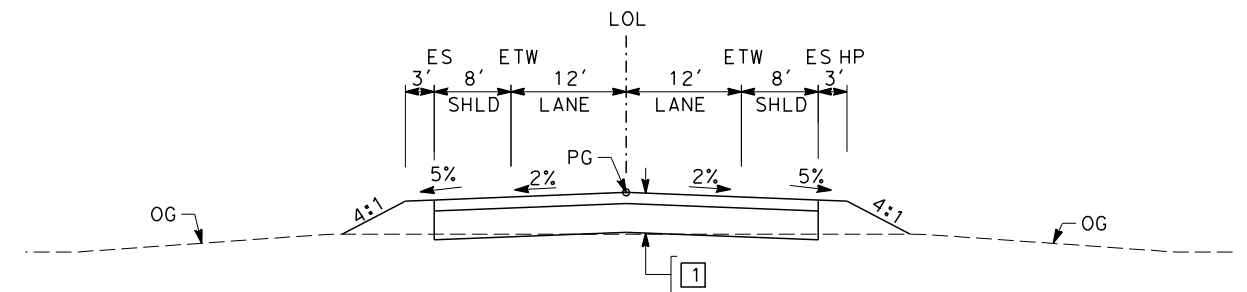
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
MONMOUTH SUBSECTION
ALIGNMENT M
ROADWAY / GRADE SEPARATION
TYPICAL CROSS SECTIONS

CONTRACT NO. HSR 06-0003
DRAWING NO. CT3010-A3
SCALE NO SCALE
SHEET NO. 31 OF 32



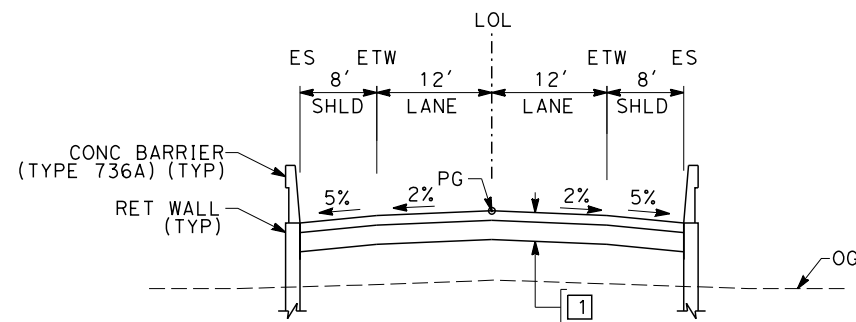
SECTION C

"NCN"	12+00.00	TO	30+00.00	"FSO"	8+50.00	TO	14+00.00
"FLIM"	2+00.00	TO	12+50.00	"FSO"	38+00.00	TO	41+00.00
"FADM"	2+00.00	TO	13+00.00	"FFL"	3+00.00	TO	7+00.00
"FMM"	3+00.00	TO	13+00.00	"FFL"	37+00.00	TO	42+00.00
"FSOM"	6+00.00	TO	16+50.00				



SECTION E



"FADC"	4+00.00	TO	13+00.00	"FMN"	130+00.00	TO	135+00.00
"FSOC"	7+00.00	TO	14+00.00	"FNE"	7+00.00	TO	10+00.00
"FLIC"	17+00.00	TO	23+50.00	"FNE"	43+50.00	TO	51+60.00
"FLI"	7+50.00	TO	10+00.00	"FMV"	98+00.00	TO	102+00.00
"FLI"	36+00.00	TO	39+00.00	"FMV"	133+30.00	TO	138+00.00
"FAD"	7+50.00	TO	10+50.00	"FCS"	13+00.00	TO	16+00.00
"FAD"	36+00.00	TO	39+00.00	"FCN"	00+00.00	TO	28+50.00



SECTION D

"FMN" 109+00.00 TO 113+96.50

ADDENDUM 3 - RFP HSR 13-57

						DESIGNED BY A. CANNON	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD MONMOUTH SUBSECTION ALIGNMENT M ROADWAY / GRADE SEPARATION TYPICAL CROSS SECTIONS	CONTRACT NO. HSR 06-0003		
						DRAWN BY E. SUDHAUSEN				DRAWING NO. CT3011-A3		
						CHECKED BY S. BROWN				SCALE NO SCALE		
						IN CHARGE R. COFFIN				SHEET NO. 32 OF 32		
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3	DATE 03/28/14						
REV	DATE	BY	CHK	APP	DESCRIPTION							

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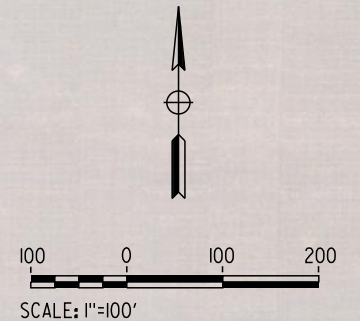
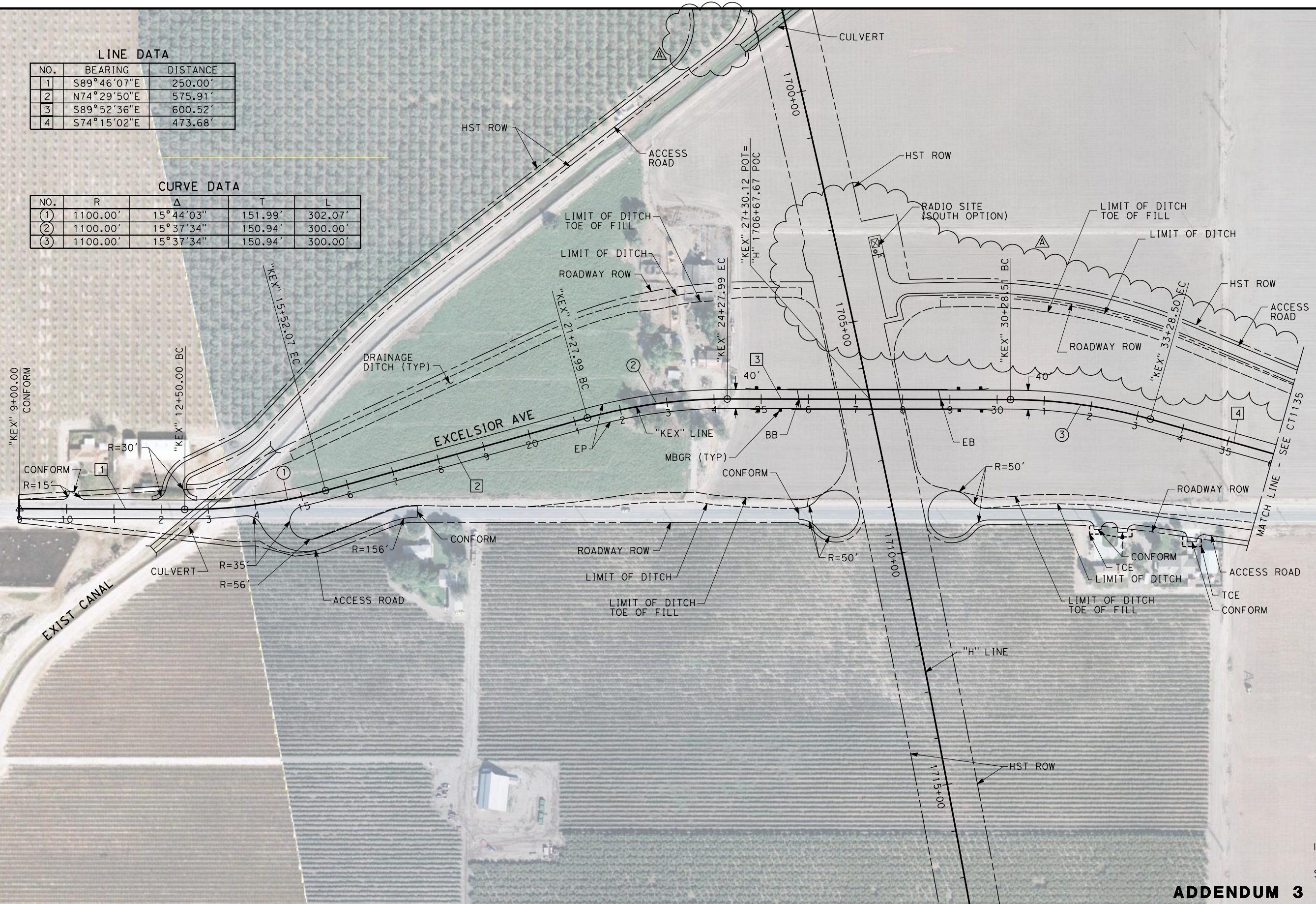
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LINE DATA

NO.	BEARING	DISTANCE
1	S89°46'07"E	250.00'
2	N74°29'50"E	575.91'
3	S89°52'36"E	600.52'
4	S74°15'02"E	473.68'

CURVE DATA

NO.	R	Δ	T	L
①	1100.00'	15°44'03"	151.99'	302.07'
②	1100.00'	15°37'34"	150.94'	300.00'
③	1100.00'	15°37'34"	150.94'	300.00'



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



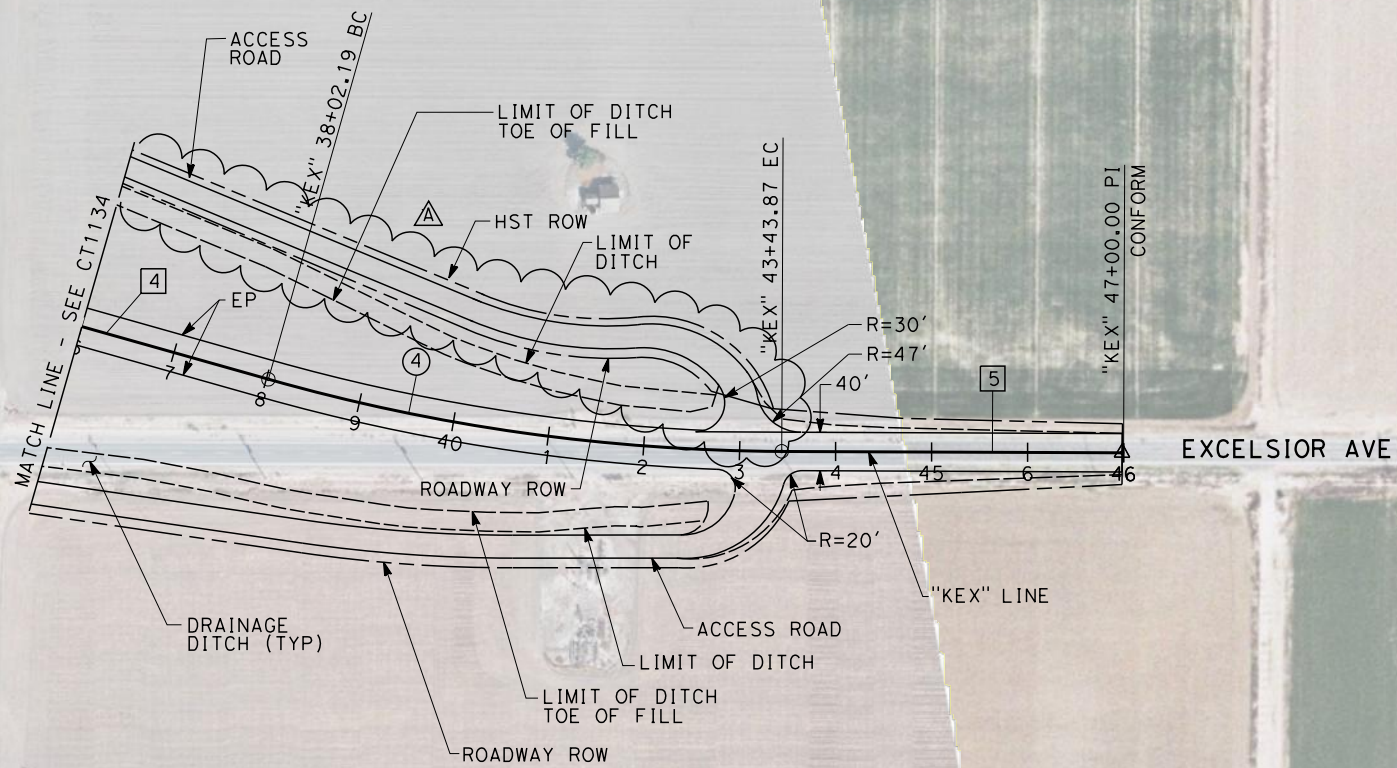
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

HANFORD SUBSECTION
ALIGNMENT H
GRADE SEPARATION LAYOUT
EXCELSIOR AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1134-A3
SCALE AS SHOWN
SHEET NO. 14 OF 60

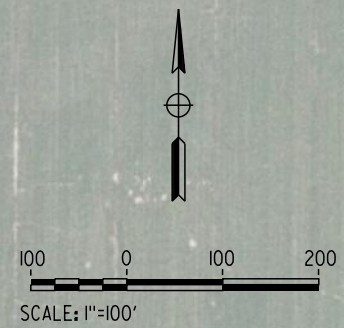
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BAR59603



LINE DATA		
NO.	BEARING	DISTANCE
4	S74°15'02"E	473.68'
5	S89°46'07"E	354.63'

CURVE DATA				
NO.	R	Δ	T	L
(4)	2000.00'	15°31'05"	272.51'	541.68'



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 05/23/14

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DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

HANFORD SUBSECTION
ALIGNMENT H
GRADE SEPARATION LAYOUT
EXCELSIOR AVE

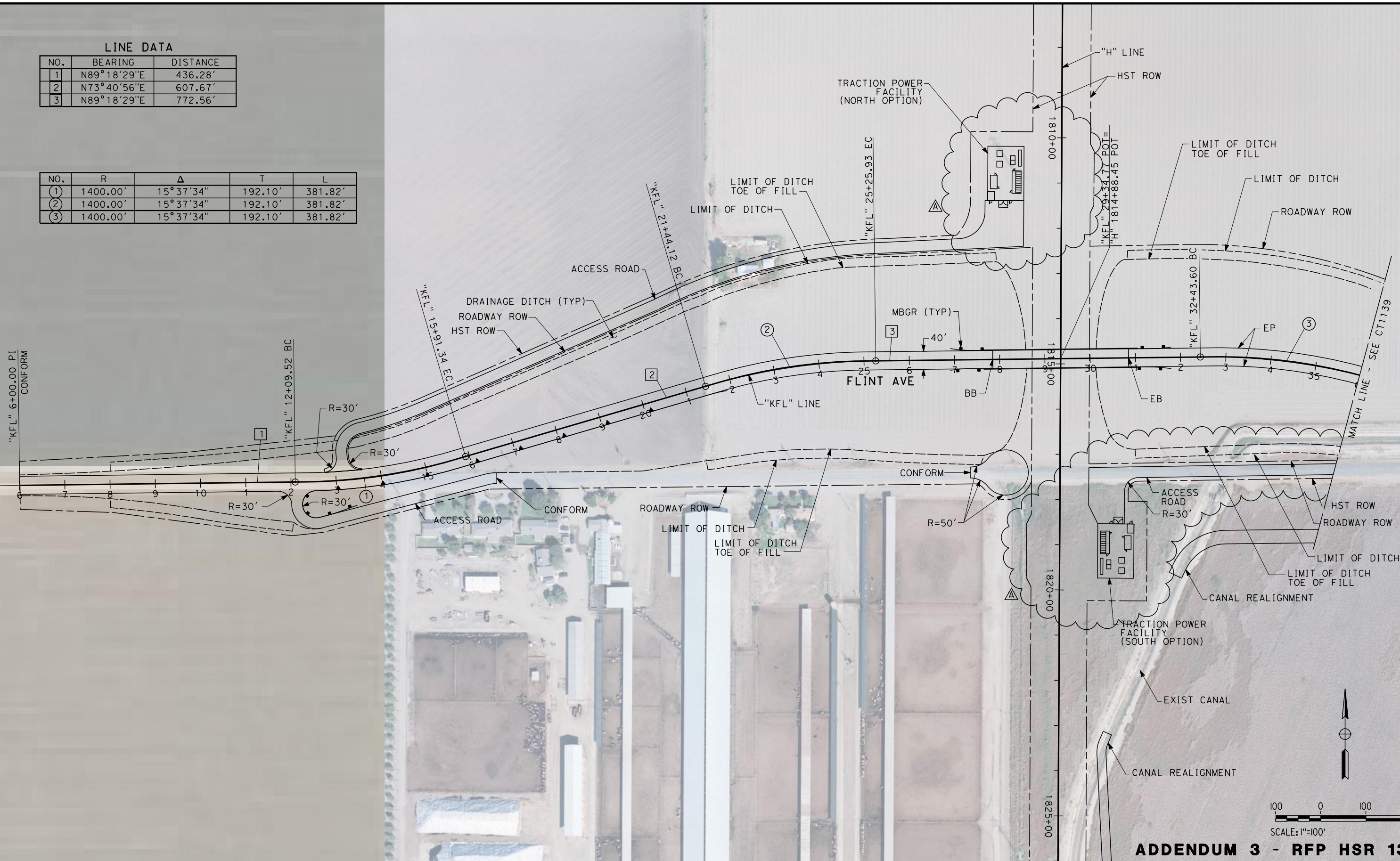
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DRAWING NO. CT1135-A3
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SHEET NO. 15 OF 60

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LINE DATA

NO.	BEARING	DISTANCE
1	N89°18'29"E	436.28'
2	N73°40'56"E	607.67'
3	N89°18'29"E	772.56'

NO.	R	Δ	T	L
①	1400.00'	15°37'34"	192.10'	381.82'
②	1400.00'	15°37'34"	192.10'	381.82'
③	1400.00'	15°37'34"	192.10'	381.82'



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. CANNON
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION

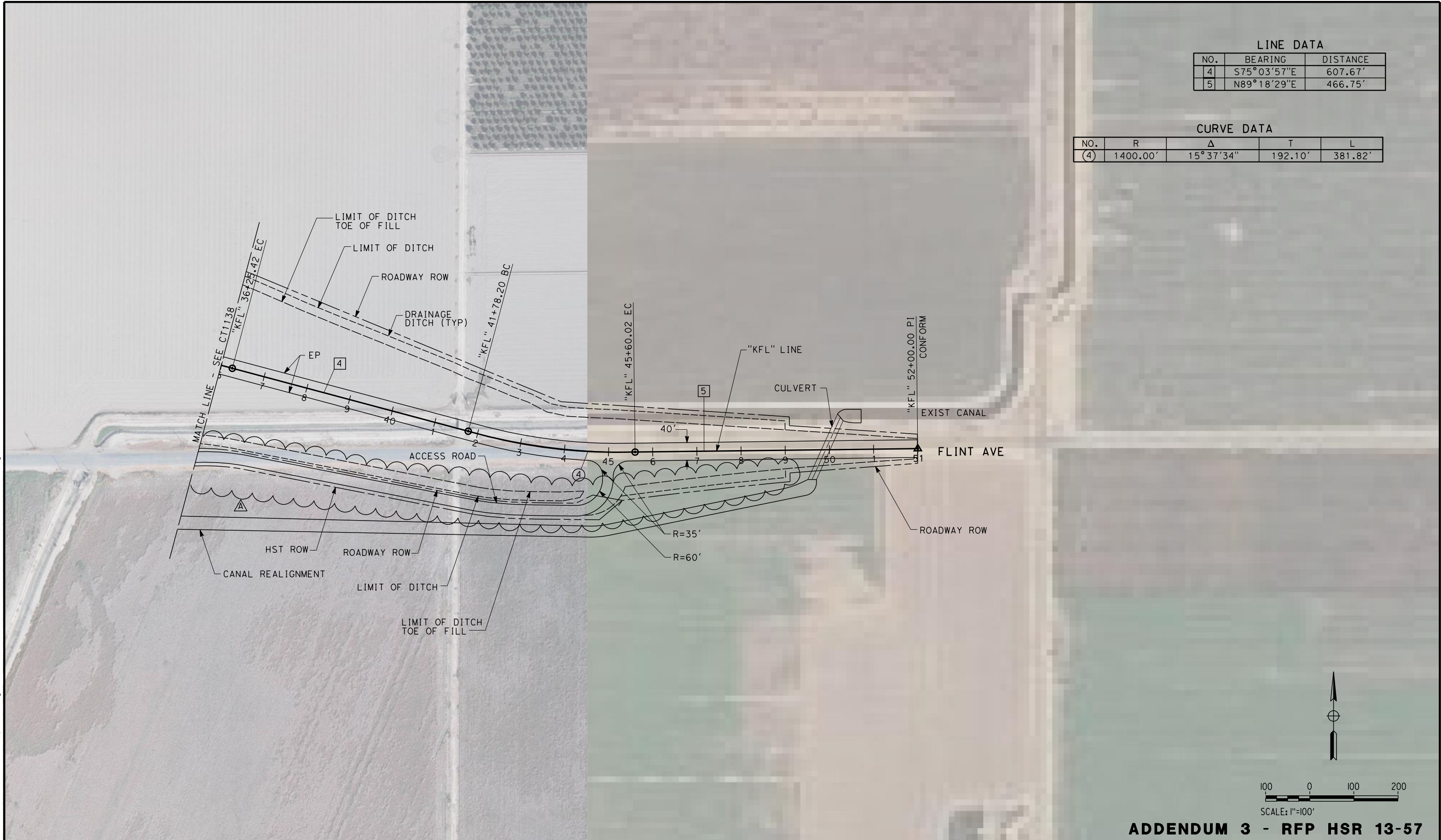


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
GRADE SEPARATION LAYOUT
FLINT AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1138-A3
SCALE AS SHOWN
SHEET NO. 18 OF 60

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BAR59603



REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY
A. CANNON
DRAWN BY
E. SUDHAUSEN
CHECKED BY
S. BROWN
IN CHARGE
R. COFFIN
DATE
05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
GRADE SEPARATION LAYOUT
FLINT AVE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1139-A3
SCALE
AS SHOWN
SHEET NO.
19 OF 60

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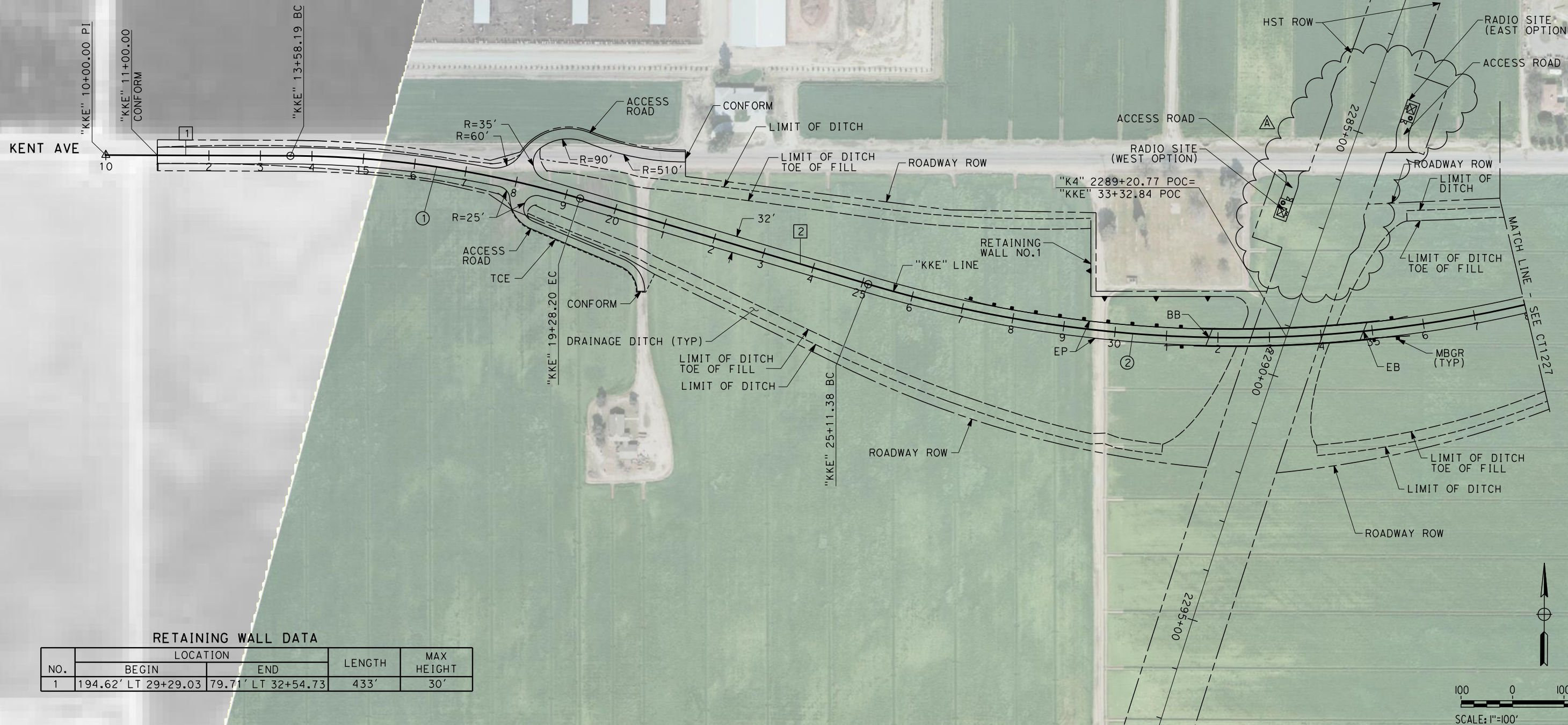
BAR59603

LINE DATA

NO.	BEARING	DISTANCE
1	S 89°46'22" E	358.19'
2	S 73°26'35" E	583.18'

CURVE DATA

NO.	R	Δ	T	L
①	2000.00'	16°19'46"	286.95'	570.01'
②	2500.00'	40°19'05"	917.79'	1759.21'



RETAINING WALL DATA

NO.	LOCATION		LENGTH	MAX HEIGHT
	BEGIN	END		
1	194.62' LT 29+29.03	79.71' LT 32+54.73	433'	30'

DESIGNED BY
A. CANNON
DRAWN BY
E. SUDHAUSEN
CHECKED BY
S. BROWN
IN CHARGE
R. COFFIN
DATE
05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

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CONSTRUCTION**



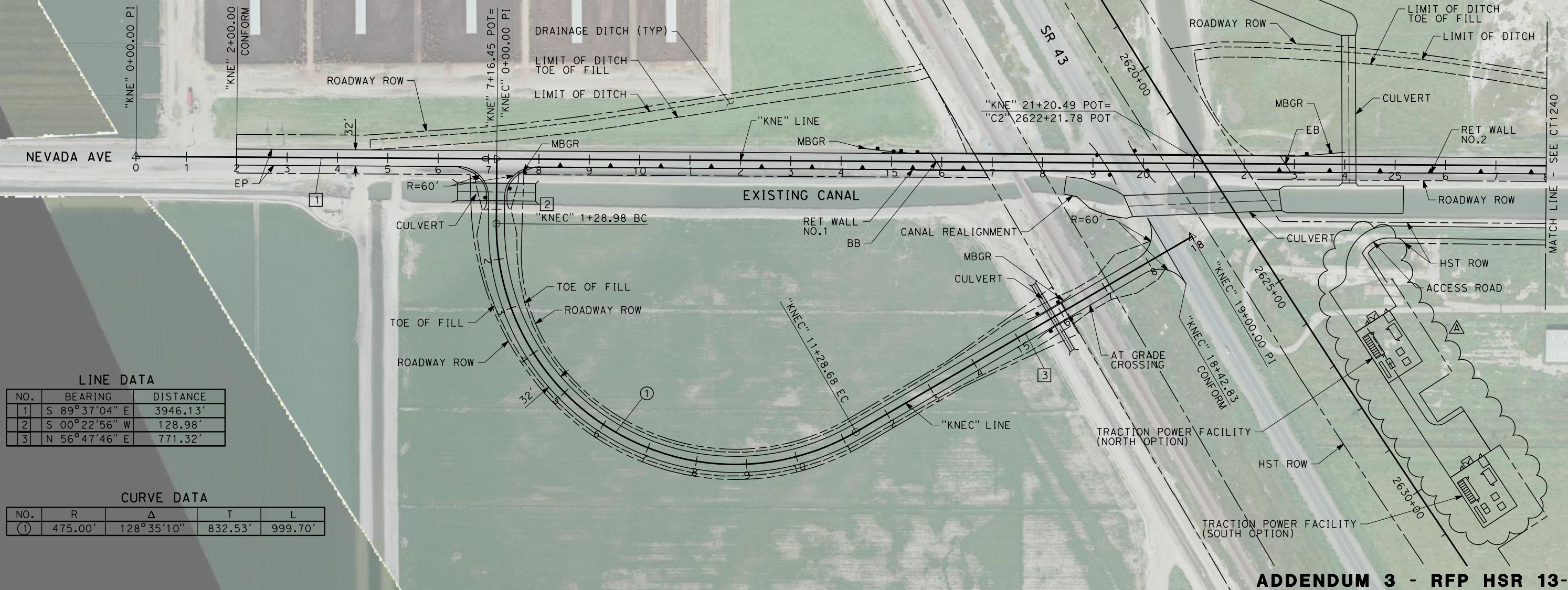
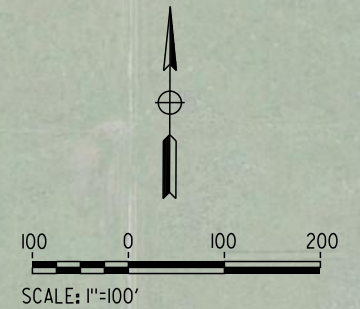
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
KAWEAH SUBSECTION
ALIGNMENT K4
GRADE SEPARATION LAYOUT
KENT AVE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1226-A3
SCALE
AS SHOWN
SHEET NO.
8 OF 23

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RETAINING WALL DATA

NO.	LOCATION			LENGTH	MAX HEIGHT
	BEGIN	END			
1	16.00' RT 07+92.46	16.00' RT 16+50.00		858'	40'
2	16.00' RT 09+01.22	16.00' RT 36+14.49		1394'	45'



LINE DATA

NO.	BEARING	DISTANCE
1	S 89°37'04" E	3946.13'
2	S 00°22'56" W	128.98'
3	N 56°47'46" E	771.32'

CURVE DATA

NO.	R	Δ	T	L
(1)	475.00'	128°35'10"	832.53'	999.70'

ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY A. POLING
DRAWN BY E. SUDHAUSEN
CHECKED BY S. BROWN
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
GRADE SEPARATION LAYOUT
NEVADA AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. CT1239-A3
SCALE AS SHOWN
SHEET NO. 2 OF 18

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BAR59603

LINE DATA

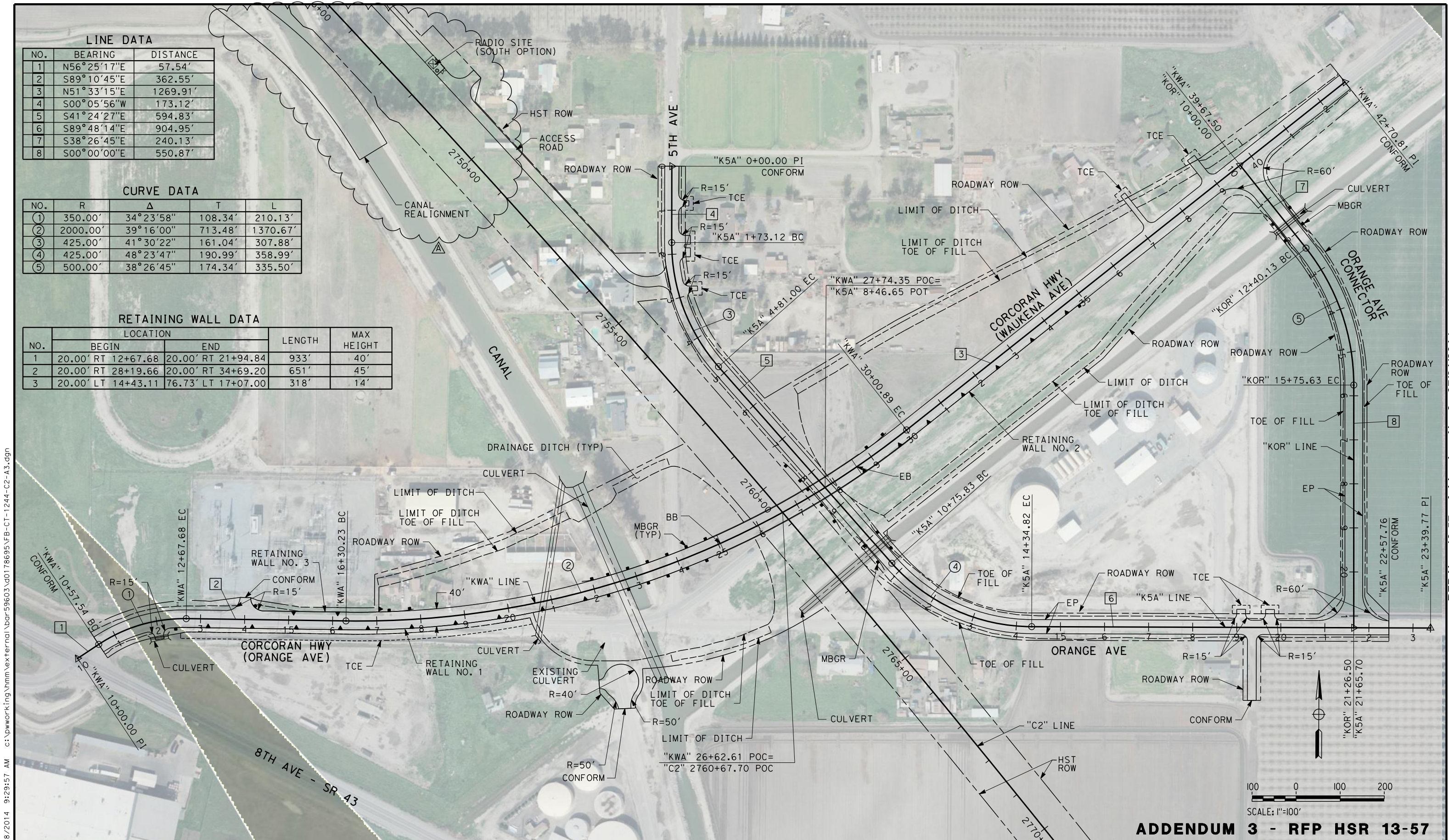
NO.	BEARING	DISTANCE
1	N56°25'17"E	57.54'
2	S89°10'45"E	362.55'
3	N51°33'15"E	1269.91'
4	S00°05'56"W	173.12'
5	S41°24'27"E	594.83'
6	S89°48'14"E	904.95'
7	S38°26'45"E	240.13'
8	S00°00'00"E	550.87'

CURVE DATA

NO.	R	Δ	T	L
①	350.00'	34°23'58"	108.34'	210.13'
②	2000.00'	39°16'00"	713.48'	1370.67'
③	425.00'	41°30'22"	161.04'	307.88'
④	425.00'	48°23'47"	190.99'	358.99'
⑤	500.00'	38°26'45"	174.34'	335.50'

RETAINING WALL DATA

NO.	LOCATION		LENGTH	MAX HEIGHT
	BEGIN	END		
1	20.00' RT 12+67.68	20.00' RT 21+94.84	933'	40'
2	20.00' RT 28+19.66	20.00' RT 34+69.20	651'	45'
3	20.00' LT 14+43.11	76.73' LT 17+07.00	318'	14'



ADDENDUM 3 - RFP HSR 13-57

A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. POLING
DRAWN BY
E. SUDHAUSEN
CHECKED BY
S. BROWN
IN CHARGE
R. COFFIN
DATE
05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

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CONSTRUCTION**

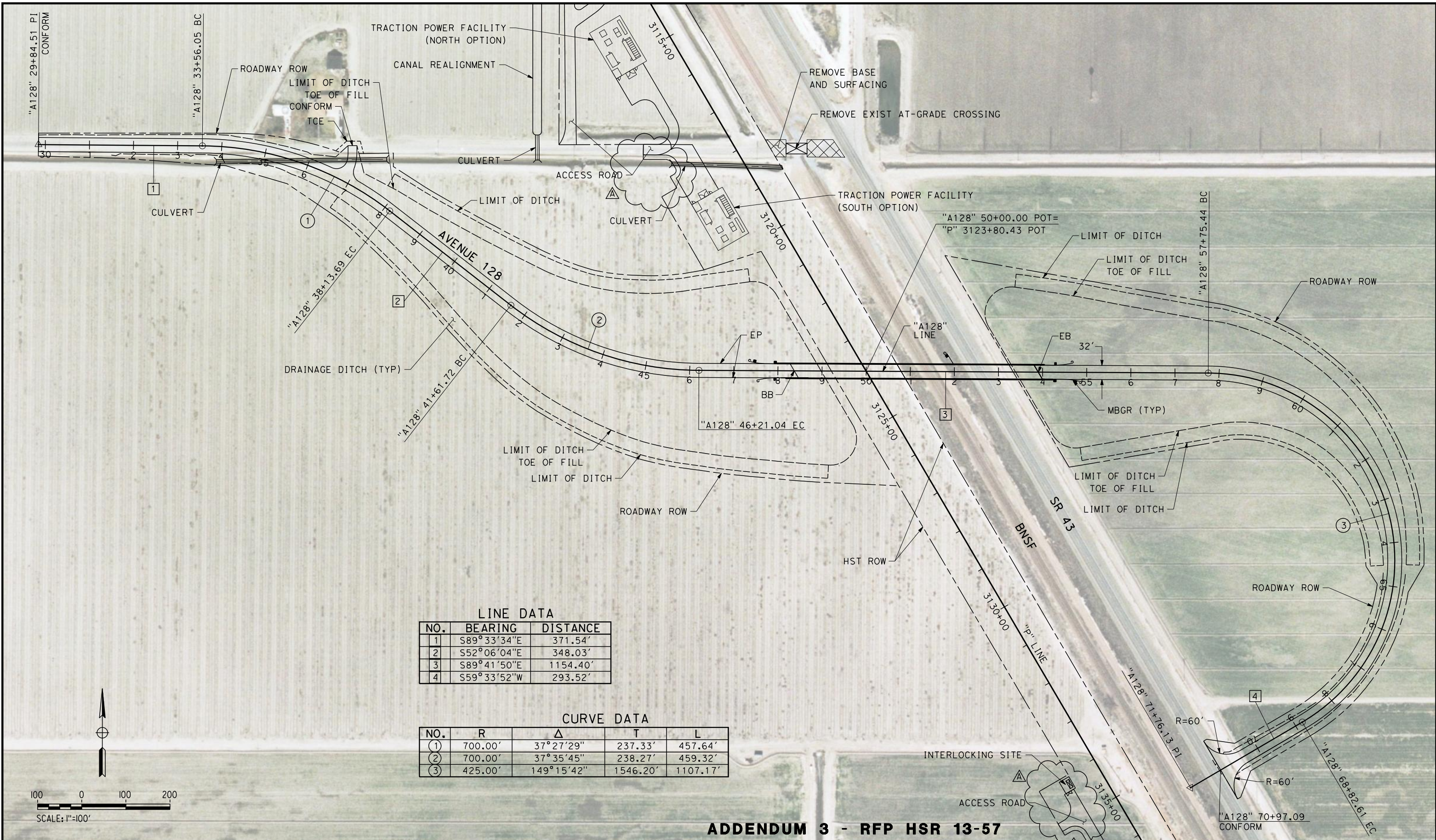


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
GRADE SEPARATION LAYOUT
CORCORAN HWY

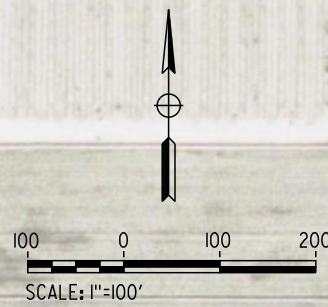
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1244-A3
SCALE
AS SHOWN
SHEET NO.
4 OF 18

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LINE DATA		
NO.	BEARING	DISTANCE
1	S89°33'34"E	371.54'
2	S52°06'04"E	348.03'
3	S89°41'50"E	1154.40'
4	S59°33'52"W	293.52'

CURVE DATA				
NO.	R	Δ	T	L
①	700.00'	37°27'29"	237.33'	457.64'
②	700.00'	37°35'45"	238.27'	459.32'
③	425.00'	149°15'42"	1546.20'	1107.17'



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY
I. JOSIFEK
DRAWN BY
V. ORTEGA
CHECKED BY
T. CLIFFORD
IN CHARGE
R. COFFIN
DATE
05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

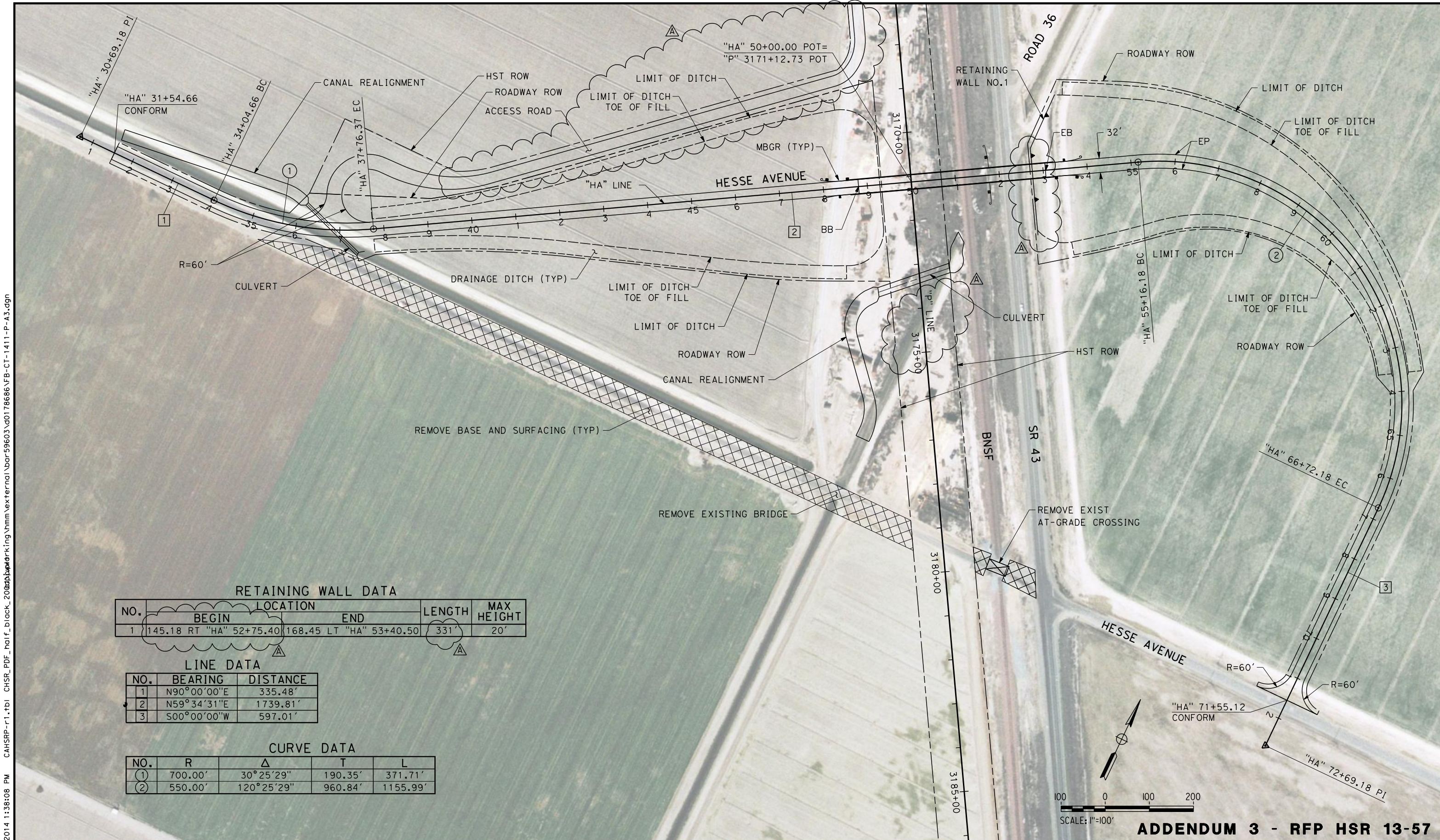
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
PIXLEY SUBSECTION
ALIGNMENT P
GRADE SEPARATION LAYOUT
AVE 128

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1401-A3
SCALE
AS SHOWN
SHEET NO.
2 OF 16

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RETAINING WALL DATA

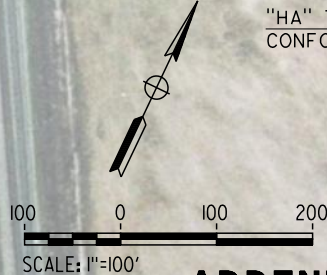
NO.	BEGIN	END	LENGTH	MAX HEIGHT
1	145.18 RT "HA" 52+75.40	168.45 LT "HA" 53+40.50	331'	20'

LINE DATA

NO.	BEARING	DISTANCE
1	N90°00'00"E	335.48'
2	N59°34'31"E	1739.81'
3	S00°00'00"W	597.01'

CURVE DATA

NO.	R	Δ	T	L
1	700.00'	30°25'29"	190.35'	371.71'
2	550.00'	120°25'29"	960.84'	1155.99'



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY
I. JOSIFEK
DRAWN BY
V. ORTEGA
CHECKED BY
T. CLIFFORD
IN CHARGE
R. COFFIN
DATE
05/23/14

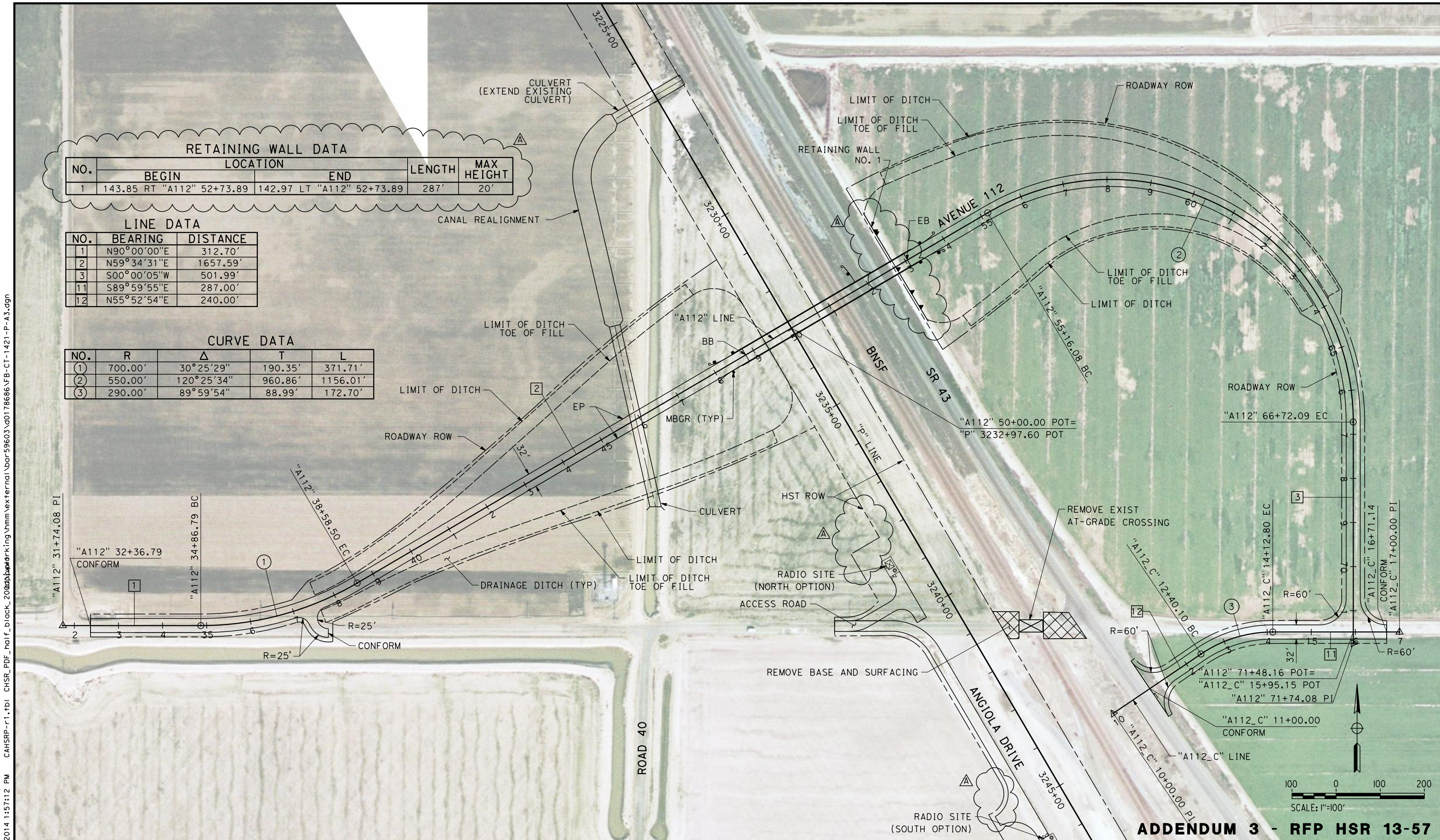
RECORD SET 15%
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
PIXLEY SUBSECTION
ALIGNMENT P
GRADE SEPARATION LAYOUT
HESSA AVE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1411-A3
SCALE
AS SHOWN
SHEET NO.
3 OF 16

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RETAINING WALL DATA

NO.	BEGIN	END	LENGTH	MAX HEIGHT
1	143.85 RT "A112" 52+73.89	142.97 LT "A112" 52+73.89	287'	20'

LINE DATA

NO.	BEARING	DISTANCE
1	N90°00'00"E	312.70'
2	N59°34'31"E	1657.59'
3	S00°00'05"W	501.99'
11	S89°59'55"E	287.00'
12	N55°52'54"E	240.00'

CURVE DATA

NO.	R	Δ	T	L
①	700.00'	30°25'29"	190.35'	371.71'
②	550.00'	120°25'34"	960.86'	1156.01'
③	290.00'	89°59'54"	88.99'	172.70'

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY
I. JOSIFEK
DRAWN BY
V. ORTEGA
CHECKED BY
T. CLIFFORD
IN CHARGE
R. COFFIN
DATE
05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



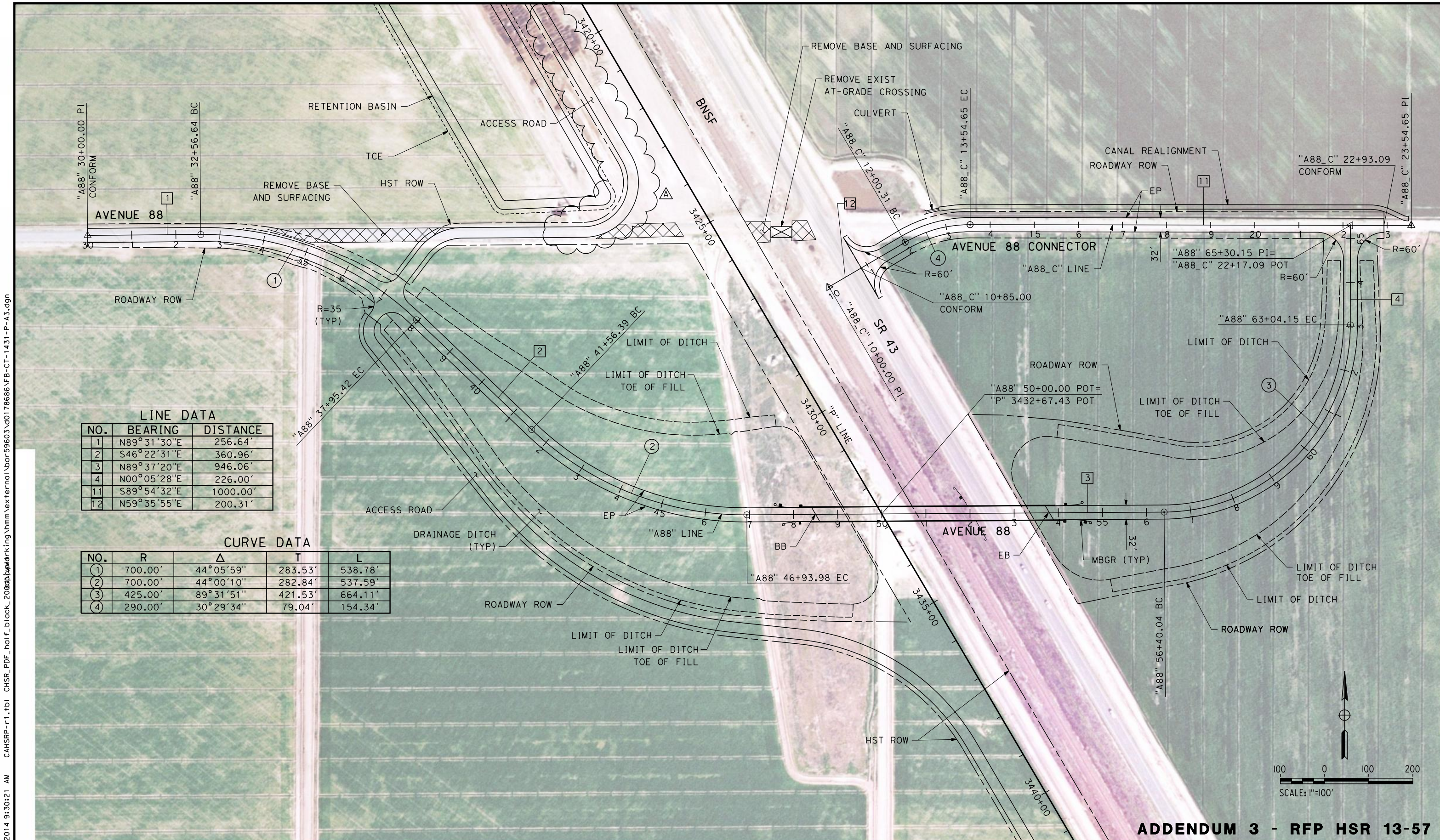
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
PIXLEY SUBSECTION
ALIGNMENT P
GRADE SEPARATION LAYOUT
AVE 112

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1421-A3
SCALE
AS SHOWN
SHEET NO.
4 OF 16

ADDENDUM 3 - RFP HSR 13-57

RFP No.: 13-57 – Addendum No. 3 - 07/31/2014

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LINE DATA

NO.	BEARING	DISTANCE
1	N89°31'30"E	256.64'
2	S46°22'31"E	360.96'
3	N89°37'20"E	946.06'
4	N00°05'28"E	226.00'
11	S89°54'32"E	1000.00'
12	N59°35'55"E	200.31'

CURVE DATA

NO.	R	Δ	T	L
①	700.00'	44°05'59"	283.53'	538.78'
②	700.00'	44°00'10"	282.84'	537.59'
③	425.00'	89°31'51"	421.53'	664.11'
④	290.00'	30°29'34"	79.04'	154.34'

ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	BR	SB	REVISED FOR ADDENDUM 3

DESIGNED BY
I. JOSIFEK
DRAWN BY
V. ORTEGA
CHECKED BY
T. CLIFFORD
IN CHARGE
R. COFFIN
DATE
05/23/14

RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
PIXLEY SUBSECTION
ALIGNMENT P
GRADE SEPARATION LAYOUT
AVE 88

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CT1431-A3
SCALE
AS SHOWN
SHEET NO.
5 OF 16

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GENERAL SHEETS

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
TT-B0001		ALIGNMENT - LOCATION MAP	1 OF 4
GE-A0026	A	ROADWAY STRUCTURES - INDEX OF SHEETS	2 OF 4
CB0010		GENERAL - ABBREVIATIONS & LEGENDS	3 OF 4
CB0011		GENERAL - ABBREVIATIONS & LEGENDS	4 OF 4

ALIGNMENT M - MONMOUTH SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SB0049		MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - KEY MAP	1 OF 9
ST2101	A	MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E LINCOLN AVE	2 OF 9
ST2103	A	MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E ADAMS AVE	3 OF 9
ST2104		MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E SOUTH AVE	4 OF 9
ST2106		MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E MANNING AVE	5 OF 9
ST2107		MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E MANNING AVE	6 OF 9
ST2109		MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E FLORAL AVE	7 OF 9
ST2111		MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E NEBRASKA AVE	8 OF 9
ST2113		MONMOUTH SUBSECTION - ALIGNMENT M - OVERHEAD PLANNING STUDY - E MOUNTAIN VIEW AVE	9 OF 9

ALIGNMENT H - HANFORD SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SB0050		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - KEY MAP	1 OF 14
ST2117		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - S CLOVIS AVE	2 OF 14
ST2119		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - E ELKHORN AVE	3 OF 14
ST2121		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - S FOWLER AVE	4 OF 14
ST2123		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - E DAVIS AVE	5 OF 14
ST2129		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - DOVER AVE	6 OF 14
ST2133		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - EXCELSIOR AVE	7 OF 14
ST2135		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - ELDER AVE	8 OF 14
ST2137		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - FLINT AVE	9 OF 14
ST2139		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - FARGO AVE	10 OF 14
ST2143		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - HANFORD ARMONA RD	11 OF 14
ST2145		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - HOUSTON AVE	12 OF 14
ST2146		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - HOUSTON AVE	13 OF 14
ST2147		HANFORD SUBSECTION - ALIGNMENT H - OVERHEAD PLANNING STUDY - IONA AVE	14 OF 14

ALIGNMENT K4 - KAWEAH SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SB0065		KAWEAH SUBSECTION - ALIGNMENT K4 - OVERHEAD PLANNING STUDY - KEY MAP	1 OF 5
ST2200		KAWEAH SUBSECTION - ALIGNMENT K4 - OVERHEAD PLANNING STUDY - IDAHO AVE	2 OF 5
ST2222		KAWEAH SUBSECTION - ALIGNMENT K4 - OVERHEAD PLANNING STUDY - JACKSON AVE	3 OF 5
ST2226		KAWEAH SUBSECTION - ALIGNMENT K4 - OVERHEAD PLANNING STUDY - KENT AVE	4 OF 5
ST2228		KAWEAH SUBSECTION - ALIGNMENT K4 - OVERHEAD PLANNING STUDY - KANSAS AVE	5 OF 5

ALIGNMENT C2 - CORCORAN SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SB0075		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - OVERHEAD PLANNING STUDY - KEY MAP	1 OF 3
ST2239		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - OVERHEAD PLANNING STUDY - NEVADA AVE	2 OF 3
ST2244		CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - OVERHEAD PLANNING STUDY - CORCORAN HWY	3 OF 3

ALIGNMENT P - PIXLEY SUBSECTION

DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SB0090		PIXLEY SUBSECTION - ALIGNMENT P - OVERHEAD PLANNING STUDY - KEY MAP	1 OF 5
ST2401		PIXLEY SUBSECTION - ALIGNMENT P - OVERHEAD PLANNING STUDY - AVE 128	2 OF 5
ST2411	A	PIXLEY SUBSECTION - ALIGNMENT P - OVERHEAD PLANNING STUDY - HESSE AVE	3 OF 5
ST2421	A	PIXLEY SUBSECTION - ALIGNMENT P - OVERHEAD PLANNING STUDY - AVE 112	4 OF 5
ST2431		PIXLEY SUBSECTION - ALIGNMENT P - OVERHEAD PLANNING STUDY - AVE 88	5 OF 5

ALIGNMENT A1 - ALLENSWORTH SUBSECTION

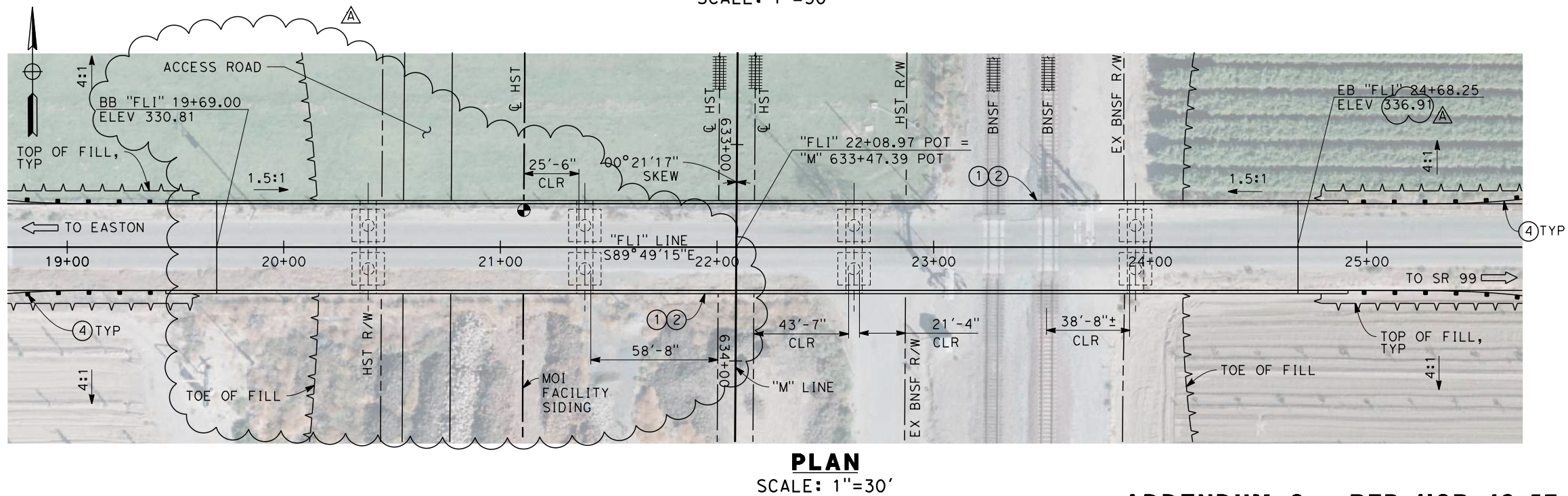
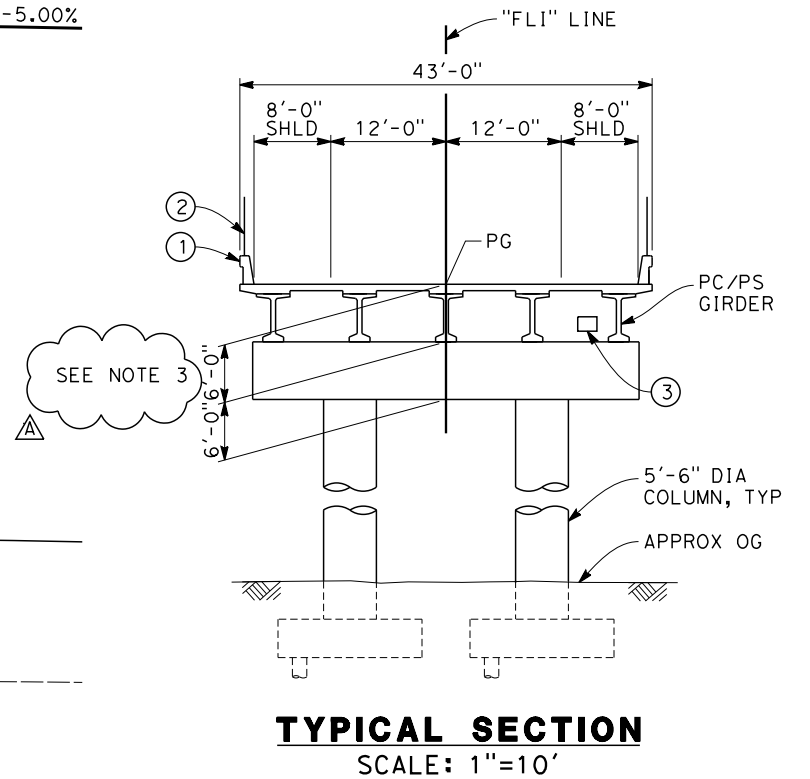
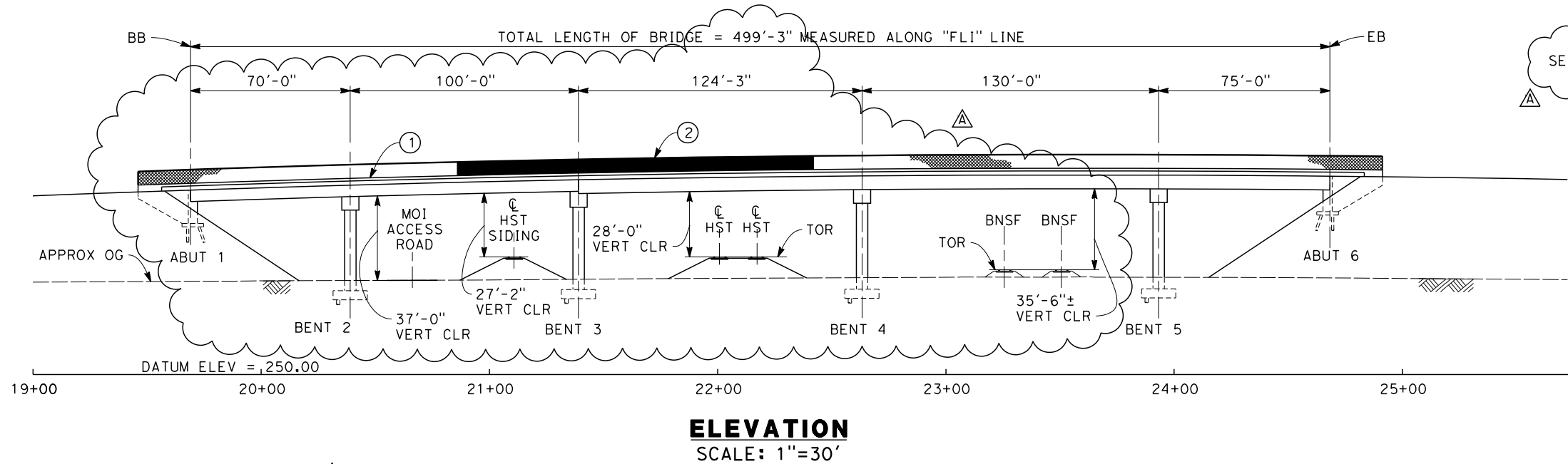
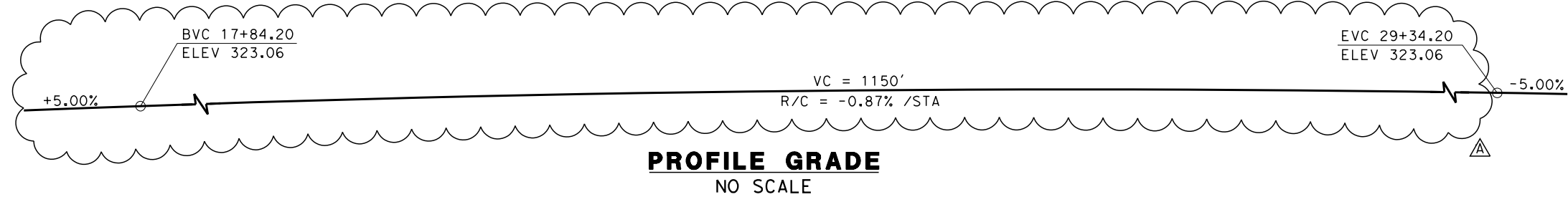
DRAWING No	REV	DRAWING DESCRIPTION	SHEET No
SB0100		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - OVERHEAD PLANNING STUDY - KEY MAP	1 OF 5
ST2501		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - OVERHEAD PLANNING STUDY - COUNTY RD J22	2 OF 5
ST2511		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - OVERHEAD PLANNING STUDY - GARGES HWY	3 OF 5
ST2521		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - OVERHEAD PLANNING STUDY - POND RD	4 OF 5
ST2531		ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - OVERHEAD PLANNING STUDY - PETERSON RD	5 OF 5

ADDENDUM 3 - RFP HSR 13-57

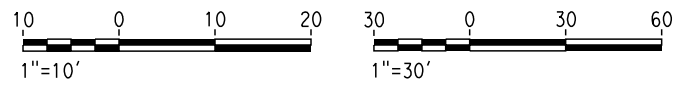
						DESIGNED BY P. TONKIN	PROPOSED PRELIMINARY DESIGN NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ROADWAY STRUCTURES INDEX OF SHEETS SHEET 1 OF 1	CONTRACT NO. HSR 06-0003
						DRAWN BY J. VALENZUELA					DRAWING NO. GE-A0026-A3
						CHECKED BY K. SEYMOUR					SCALE NO SCALE
A	2014/06	JV	PT	SB	REVISED FOR ADDENDUM 3	IN CHARGE R. COFFIN					SHEET NO. 2 OF 4
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 02/04/14					

RFP No.: 13-57 – Addendum No. 3 - 07/31/2014

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- NOTES:
1. ALL PILES NOT SHOWN
 2. FOR MINIMUM VERTICAL CLEARANCES, HORIZONTAL CURVE DATA, AND DETAILS NOT SHOWN, SEE ROADWAY PLANS.
 3. STRUCTURAL DEPTH SHALL BE 5'-0" FOR SPANS 1 AND 2.
- LEGEND:
- ① CONCRETE BARRIER WITH AR FENCE
 - ② AR FENCE WITH SOLID PLATE OVER HST
 - ③ FUTURE UTILITY ENCASEMENT OPENING
 - ④ MBGR



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	MA	SB	REVISED FOR ADDENDUM 3

DESIGNED BY B. LUSCOMBE	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION
DRAWN BY T. PRETZER	
CHECKED BY E. MORAN	
IN CHARGE R. COFFIN	
DATE 05/23/14	

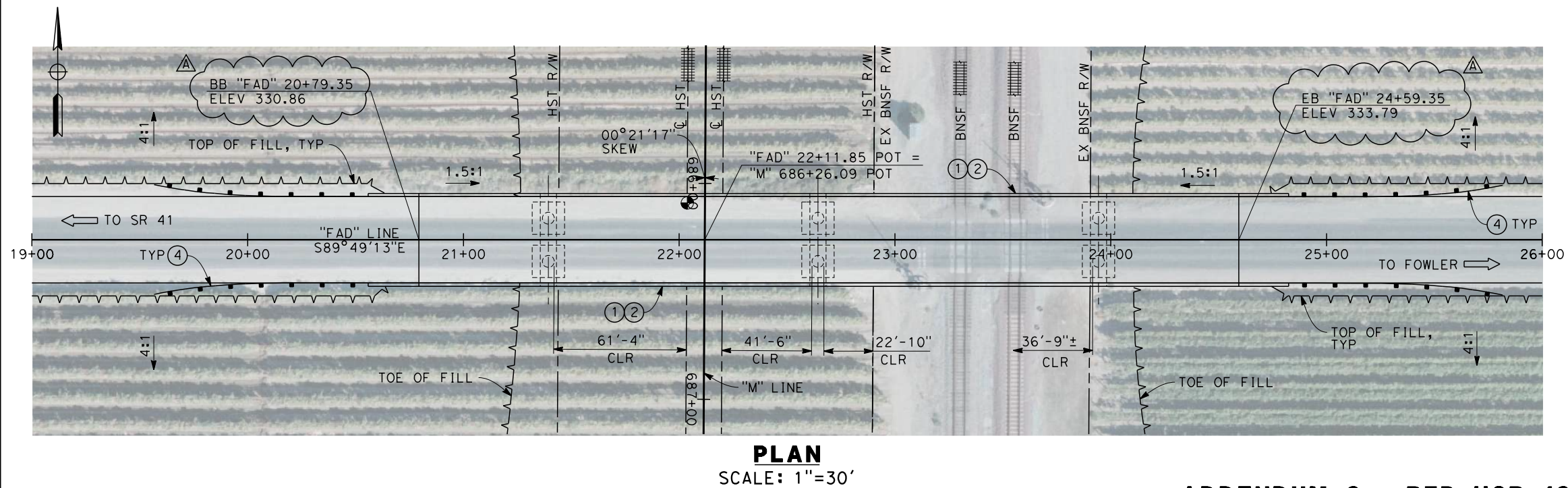
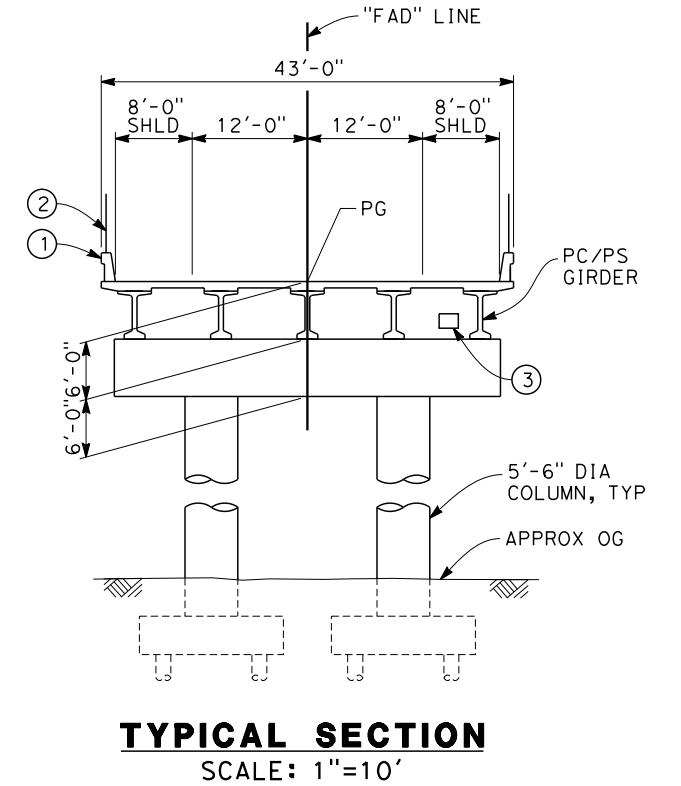
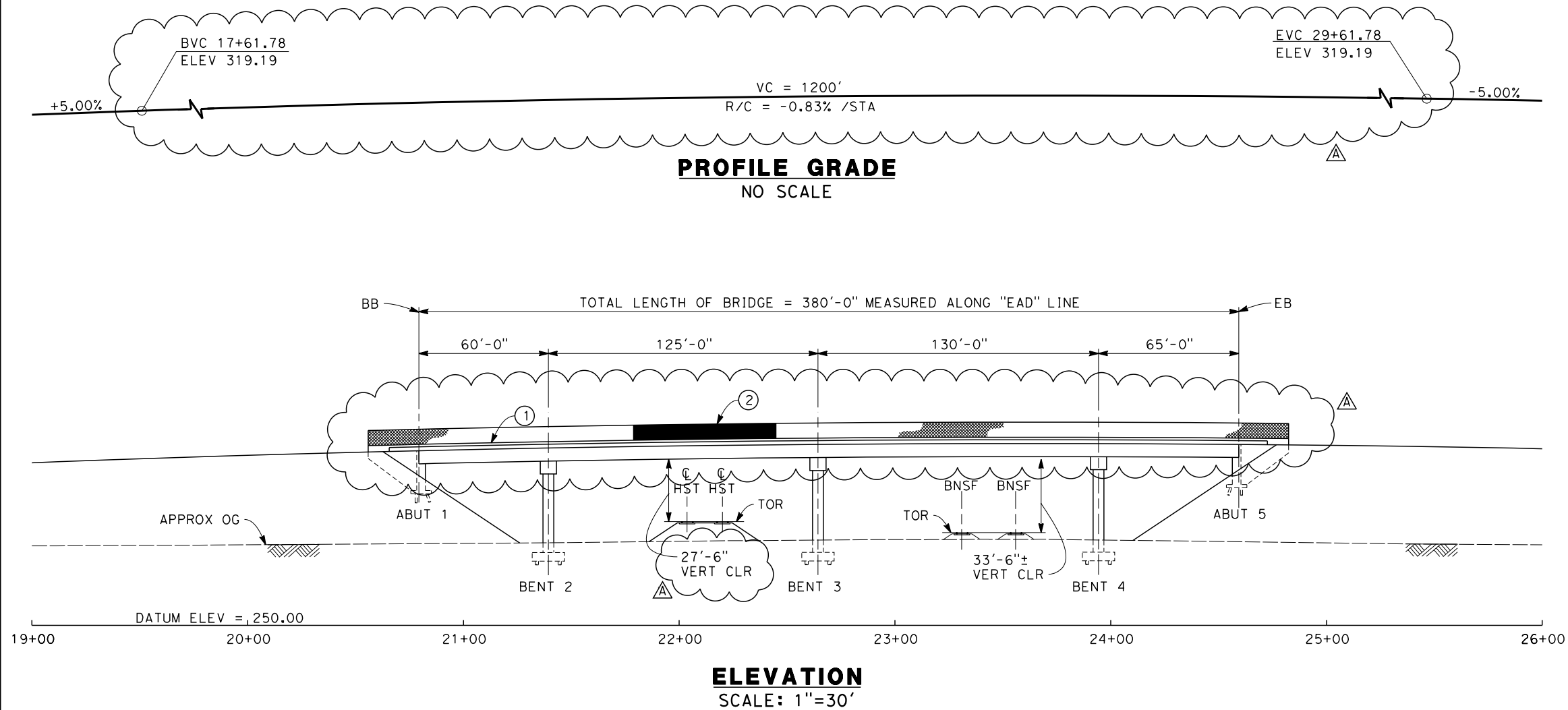


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
MONMOUTH SUBSECTION
ALIGNMENT M
OVERHEAD PLANNING STUDY
E LINCOLN AVE

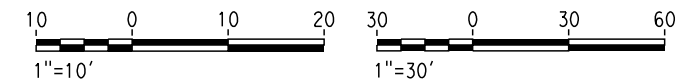
CONTRACT NO. HSR 06-0003
DRAWING NO. ST2101-A3
SCALE AS SHOWN
SHEET NO. 2 OF 9

6/27/2014 11:19:53 AM c:\pwworking\hmm\external\bar59603\vd0178702\FB-ST-2103-M-A3.dgn

BAR59603



- NOTES:
1. ALL PILES NOT SHOWN
 2. FOR MINIMUM VERTICAL CLEARANCES, HORIZONTAL CURVE DATA, AND DETAILS NOT SHOWN, SEE ROADWAY PLANS.
- LEGEND:
- (1) CONCRETE BARRIER WITH AR FENCE
 - (2) AR FENCE WITH SOLID PLATE OVER HST
 - (3) FUTURE UTILITY ENCASEMENT OPENING
 - (4) MBGR



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	MA	SB	REVISED FOR ADDENDUM 3

DESIGNED BY L. SMITH
DRAWN BY T. PRETZER
CHECKED BY E. MORAN
IN CHARGE R. COFFIN
DATE 05/23/14

**RECORD SET 15%
DESIGN SUBMISSION**

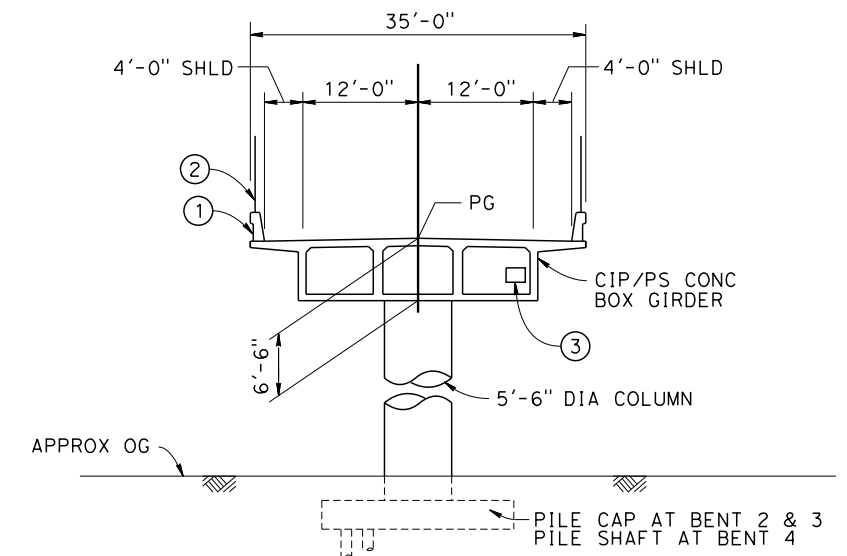
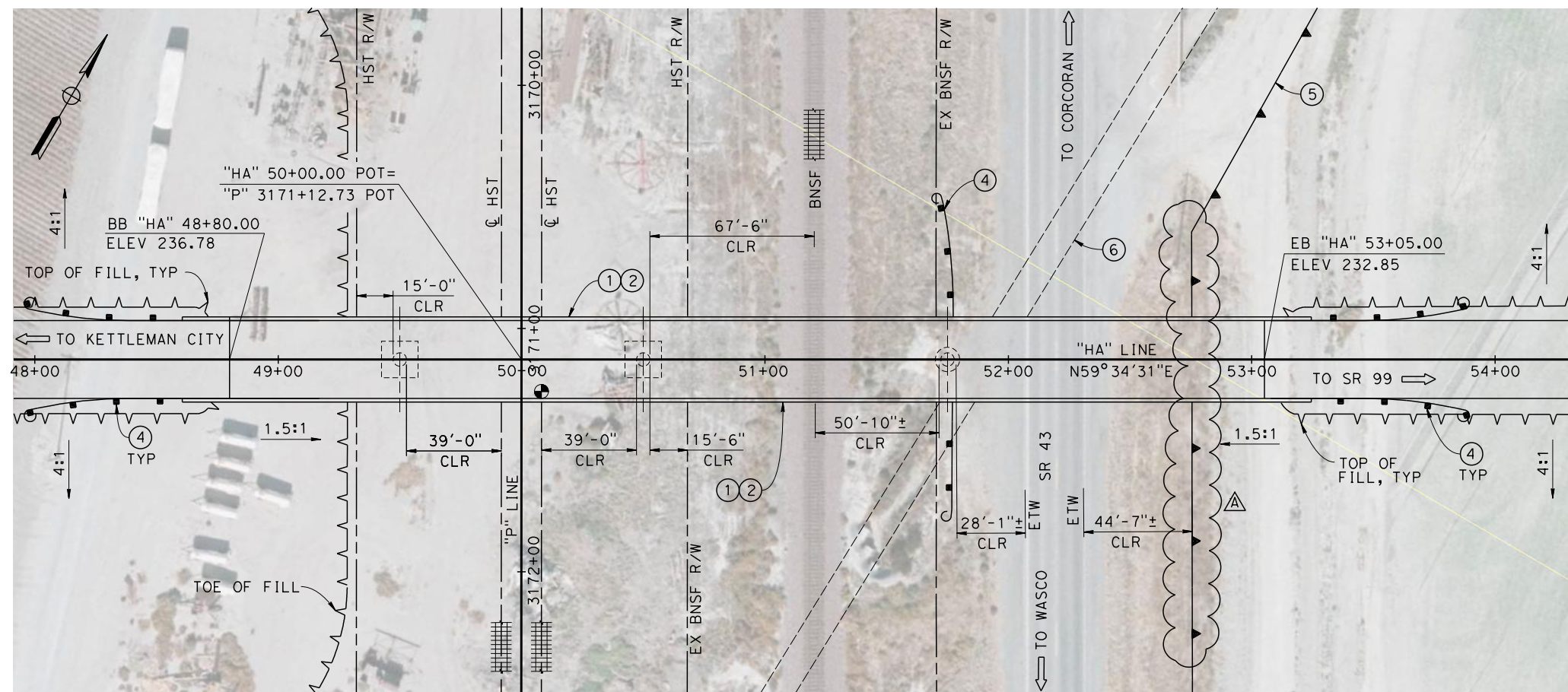
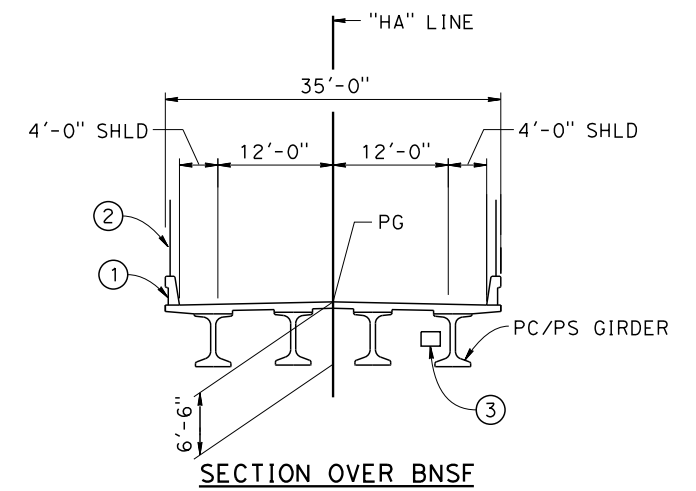
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

MONMOUTH SUBSECTION
ALIGNMENT M
OVERHEAD PLANNING STUDY
E ADAMS AVE

CONTRACT NO. HSR 06-0003
DRAWING NO. ST2103-A3
SCALE AS SHOWN
SHEET NO. 3 OF 9



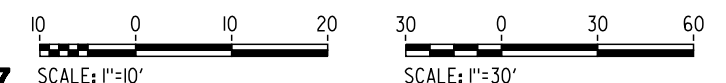
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NOTES:

1. ALL PILES NOT SHOWN
2. FOR MINIMUM VERTICAL CLEARANCES, HORIZONTAL CURVE DATA, AND DETAILS NOT SHOWN, SEE ROADWAY PLANS.

LEGEND:

- ① CONCRETE BARRIER WITH AR FENCE
- ② AR FENCE WITH SOLID PLATE OVER HST
- ③ FUTURE UTILITY ENCASEMENT OPENING
- ④ MBGR
- ⑤ RETAINING WALL
- ⑥ EXISTING CULVERT



						DESIGNED BY B. LUSCOMBE
						DRAWN BY D. BARNHART
						CHECKED BY E. MORAN
						IN CHARGE R. COFFIN
A	2014/06	PB	MA	SB	REVISED FOR ADDENDUM 3	DATE 05/23/14
REV	DATE	BY	CHK	APP	DESCRIPTION	

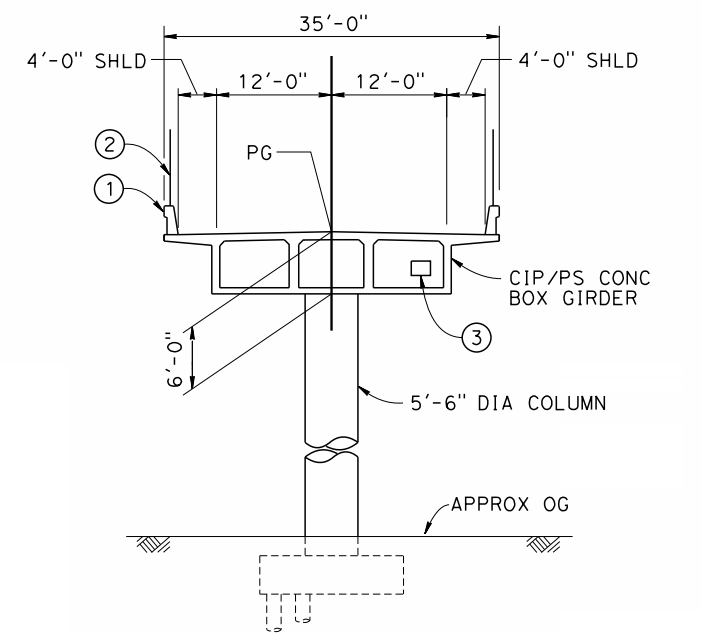
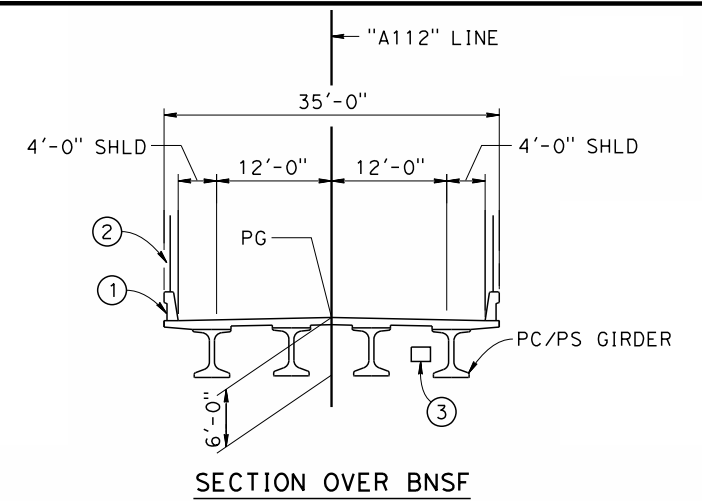
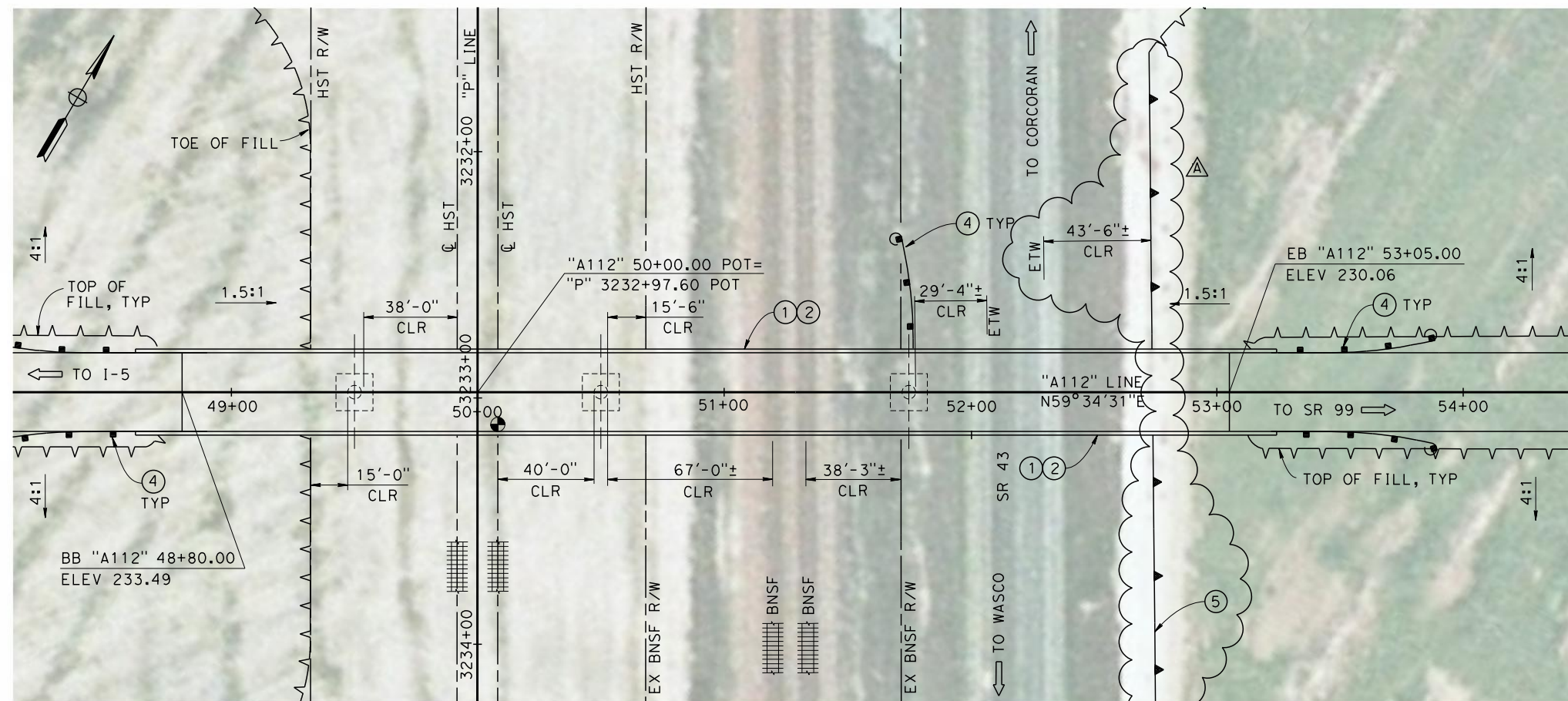
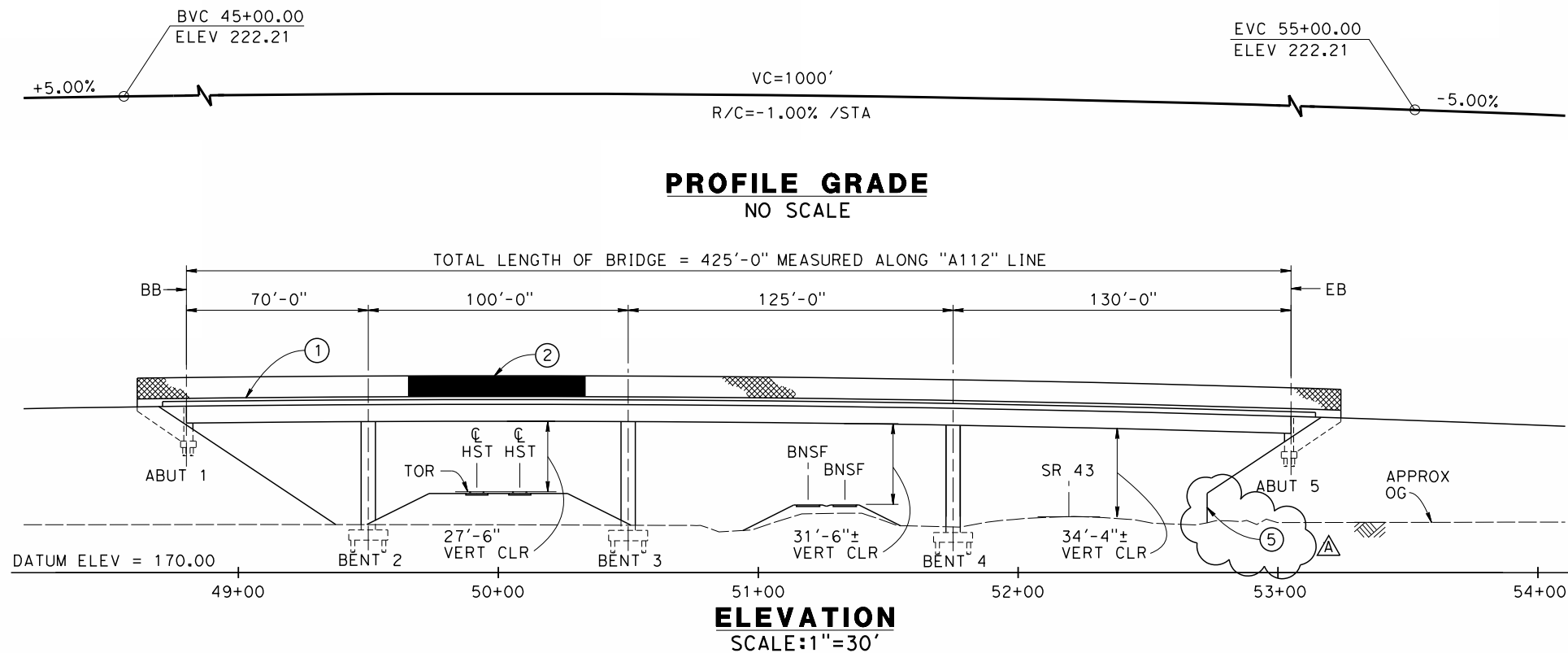
**RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
PIXLEY SUBSECTION
ALIGNMENT P
OVERHEAD PLANNING STUDY
HESSE AVE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	ST2411-A3
SCALE	AS SHOWN
SHEET NO.	3 OF 5

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NOTES:

1. ALL PILES NOT SHOWN
2. FOR MINIMUM VERTICAL CLEARANCES, HORIZONTAL CURVE DATA, AND DETAILS NOT SHOWN, SEE ROADWAY PLANS.

LEGEND:

- ① CONCRETE BARRIER WITH AR FENCE
- ② AR FENCE WITH SOLID PLATE OVER HST
- ③ FUTURE UTILITY ENCASUREMENT OPENING
- ④ MBGR
- ⑤ RETAINING WALL



ADDENDUM 3 - RFP HSR 13-57

REV	DATE	BY	CHK	APP	DESCRIPTION
A	2014/06	PB	MA	SB	REVISED FOR ADDENDUM 3

DESIGNED BY B. LUSCOMBE
DRAWN BY D. BARNHART
CHECKED BY E. MORAN
IN CHARGE R. COFFIN
DATE 05/23/14

RECORD SET 15% DESIGN SUBMISSION
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
PIXLEY SUBSECTION
ALIGNMENT P
OVERHEAD PLANNING STUDY
AVE 112

CONTRACT NO. HSR 06-0003
DRAWING NO. ST2421-A3
SCALE AS SHOWN
SHEET NO. 4 OF 5